

Washington, Friday, March 19, 1948

TITLE 7—AGRICULTURE

Chapter III—Bureau of Entomology and Plant Quarantine, Department of Agriculture

[B. E. P. Q. 532, Supp. 2]

PART 352—TREATMENT OF RESTRICTED OR PROHIBITED PLANTS OR PLANT PRODUCTS TEMPORARILY IN THE UNITED STATES

MODIFICATION OF ADLINISTRATIVE INSTRUC-TIONS; SHIPMENT OF MEXICAN ORANGES AND GRAPEFRUIT IN BOND THROUGH UNITED STATES

Section 352.9 (a) (4) of the administrative instructions issued under the order and supplemental regulations on Treatment of Restricted or Prohibited Plants or Plant Products Temporarily in the United States (7 CFR 1943 Supp. 352.9 (a) (4)) pursuant to the Plant Quarantine Act of 1912, as amended (7 U. S. C. 151) limits the entry, via ports on the Mexican border, of oranges orignating in Mexican States other than Sonora, for immediate transportation and exportation in bond or for immediate export, to the period from October 1 to March 15, inclusive. This period is insufficient in which to complete the orderly exportation to Canada of this season's crop of Mexican oranges.

It has been determined that seasonal conditions are such in the United States that the expiration date of this prescribed period may be extended for the present shipping season only, without risk to the plant cultures of this country. Accordingly, § 352.9 (a) (4) of the administrative instructions entitled "Administrative instructions; oranges and grapefruit from Mexico in transit to foreign countries via the United States" is hereby amended to read as follows:

(a) Entry via ports on the Mexican border. * *

(4) Period of entry. The entry of oranges and grapefruit from Sonora is authorized throughout the entire year. Oranges originating in other Mexican States may enter from October 1 to March 15, inclusive, provided that during the 1947–48 shipping season such period shall be from October 1, 1947 to April 30, 1948, inclusive.

This amendment shall be effective March 16, 1948.

The foregoing amendment extends for the current shipping season, the time within which oranges may enter the United States in transit from Mexico to foreign countries. This extension of time does not involve any risks to the plant cultures of the United States through introduction of plant diseases or insect pests, and the extension is made necessary by the fact that climatic and other conditions in Mexico prevented the exportation of oranges from that country for shipment through the United States to other foreign countries during the period presently prescribed by § 352.9 This period ends March 15, (a) (4) 1948, and it is necessary to make the foregoing amendment extending such period effective on March 16, 1948, in order to prevent unnecessary burdens upon foreign commerce. Accordingly, it is found, upon good cause, that notice and hearing under section 4 (a) of the Administrative Procedure Act on the adoption of the amendment are unnecessary, impracticable, and contrary to the public interest.

Since the amendment relieves restrictions, it is within the exception in section 4 (c) of the Administrative Procedure Act and may properly he made effective less than 30 days after its publication in the Federal Register.

(37 Stat. 315, as amended, 7 U. S. C. 151, 7 CFR 352.1 through 352.8)

Done at Washington, D. C., this 16th day of March 1948.

[SEAL] AVERY S. HOYT,
Acting Chief,
Bureau of Entomology
and Plant Quarantine.

[F. R. Doc. 48-2407; Filed, Mar. 18, 1948; 9:06 a. m.]

Chapter VIII—Production and Markoting Administration (Sugar Branch)

PART 802—SUGAR DETERMINATIONS

FAIR AND REASONABLE WAGE RATES FOR WORK ON 1948 CROP OF SUGAR BEETS IN STATES OTHER THAN CALIFORNIA

Pursuant to the provisions of section 301 (c) (1) of the Sugar Act of 1948, (Continued on p. 1421)

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¹ P. L. O. 457.

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Average tons per acro & (rate applicable to yield within bracket)

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Basic rates per ton

1948 basic rates for pulling, topping and loading by wage districts

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ary 1948 the following determination is tion of the evidence obtained at the several públic hearings held during Januafter investigation and due considerahereby fssued:

with respect to the 1948 crop of sugar beets in States other than California if duction, cultivation, or harvesting of the 1948 shall be deemed to have been met § 802 140 Fair and reasonable wage 1948 crop of sugar beets in States other than California The requirements of section 301 (c) (1) of the Sugar Act of persons employed on the farm or part of the farm covered by a separate rates for persons employed in the pro-

full for all such work at rates as agreed upon between the producer and the laborer, but after the effective date of this tivation or harvesting of the 1948 crop determination, not less than the followagreement in the production, culof sugar beets shall have been paid in ing:

(a) For work performed on a time (1) Thinning, hoeing, or weeding: 60 cents per hour basis

(2) All harvesting work: 65 cents per hour

per day for workers between 14 and 16 Permitted reduction: For workers between 14 and 16 years of age the above years of age, without deduction from Sugar Act payments to the producer, is The maximum employment rates may be reduced by not more than one-third 8 hours

rate basts—(1) 1948 basic rates per acre for thinning, hocing, and weeding by (b) For work performed on a piece wage districts

(2) Perguistes in addition to the foregoing wage rate, the producer shall furnish to the laborer, without charge, the perguistes customarily furnished by him, such as a house, garden plot, and similar items
(3) Subterfuge The producer shall not reduce the wage rates below those determined herein through any subterfuge or device whatsoever * For the farm, or part of the farm covered by a separate labor agreement.

• In exces in which the operations of pulling and topping and percent of the complete state of the complete of pulling and topping and loading shall be 20 percent for than the applicable building and doubting and topping and topping and topping and topping and topping and topping the percent of the complete of the complete of the complete the complete of t (3) Supplemental vage payment In addition to the basic rates specified in subparagraphs (1) and (2) of this paragraph, (i) there shall be paid to the laborer who enters into an agreement with the producer to perform the combined operations of thinning, hoeing, weeding, and harvesting on a given acreage, and who carries out such agreement in full, an additional amount of \$3 00 per acre harvested by such laborer, and (ii) there shall be paid to the laborer who

(a) General. The foregoing determination provides fair and reaconable wage rates to be paid persons employed in the production, cultivation, or harvesting of the 1948 crop cages beets in States other than California. Compilance with the determination is required as one of the conditions for payment to producers of sugar beets under the Sugar Act of 1948 In this Statement, the foregoing determination as well as determinations for prior years will be referred to as "wage determination," identified by the crop year for which effective STATEMENT OF BASES AND CONSIDERATIONS tions only on a given acreage, and who carries out such agreement in full, an additional amount of \$2 00 per acre harvested by such laborer: Provided, however, That if the producer and laborer agree to a modification of the acreage to such modified acreage
(c) General provisions—(1), Work not dovered by specific rates. For any work in the production, cultivation, or enters into an agreement with the procovered by the original agreement the supplemental wage payment shall apply ducer to perform the harvesting opera-

(b) Requirements of the Sugar Act and standards employed The Sugar Act requires that in determining fair and leasonable wage rates, public hearings shall be held, investigations shall be ando, and consideration shall be given to (1) the standards therefor formely established by the Secretary under the

harvesting of sugar beets for which a

nate is not specified herein, such as fer-tilizing, plowing, preparing seedbed, or fruigating the rate shall be as agreed

upon between the producer and

labor er

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I	Michi- mn, Obio, Indiana, Minola, Wiccon- cla	20 97 44 28 38 33
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This operation consists of removing excess best plants from rows by use of a hea in combination with fineer work their decords which has been decorded and prossitionally a 12-3 inch especially the part of the p

Wide rate planting. The above thinning and hosting rates may be reduced by not more than the indicated neverally the following prove producing 1st theirs, are more but less than 31 inches, 29 prevent; 31 inches or more, 30 prevent, and inches, 29 prevent; 31 inches or more, 30 prevent, and inches, 29 prevent; 31 inches or more, 30 prevent, and their are more into the second inches or more into the second inches or more into the predict of the specified inches or weeding, the specified inches the reduced not in excess of 60 cents prevent.

Agricultural Adjustment Act, as amended, and (2) the differences in conditions that exist among the various sugar producing areas.

Public hearings were held in Detroit, Michigan, St. Paul, Minnesota, Billings, Montana, Salt Lake City, Utah, and Denver, Colorado, during the period January 5 through January 14, 1948. In these hearings interested persons were given an opportunity to present testimony with respect to fair and reasonable wage rates. In addition, appropriate investigations have been made of conditions existing in the sugar beet industry. Consideration has been given to testimony presented at the hearings and to information obtained as a result of the investigations. The 1948 wage determination, as well as each prior wage determination, has been based largely on the relationship of wages to income from sugar beets and the relationship of wages to costs of living, but consideration has also been given to the relationship of labor costs to total costs, labor requirements under new methods of cultivation and harvesting, and other related factors.

(c) Background. The first determination of fair and reasonable wage rates for sugar beet work under the Sugar Act of 1937 covered the harvest of the 1937 crop. Wage determinations have been issued for persons employed in the production, cultivation and harvesting of each subsequent crop. The 1937 wage determination increased prevailing harvest wages in proportion to the increase in income to producers from Sugar Act payments. The levels of wages established in the 1938, 1939, and 1940 wage determinations were based on the past relationship of wages per acre for contract labor to the gross income from sugar beets per acre, with appropriate adjustments for increased producer income and changes in production and living costs. In conformity with the general practice in the industry, rates were established on a per acre basis for blocking and thinning and hoeing and on a per ton basis for harvesting. Wage determinations since 1940 have continued this basic rate structure and, in addition, have provided alternative hourly rates and additional piece work rates as required by changed methods of production. Such additional rates have been based upon time studies of the relative amount of work required under the several methods. Wage determinations have not established specific rates for work other than that done by contract labor but have approved the rates agreed upon between the producer and the laborer performing such work.

Important strides have been made in mechanization of sugar beet field work since 1942. Of greatest importance have been the development of methods for processing sugar beet seed so that the seed balls contain only one or two germs each, improved planting equipment, increased use of blocking or thinning equipment designed to remove excess beet plants from the rows, and development of mechanical loaders and harvesters. These developments have reduced substantially the amount of hand labor required. Prior wage determinations have established certain piece work rates designed to reflect the reduction in

labor requirements. These determinations also provided that, where the amount of labor was reduced under an operation for which no piece work rate was specified, the producer and laborer could agree upon a rate subject to the approval of the State PMA Committee. This latter provision has been ineffective.

(d) 1948 wage determination. The 1948 wage determination contains a number of significant changes as compared with the 1947 wage determination. Such changes are as follows:

(1) The basic rates specified are effective from the date of issuance of this determination. The rates applicable to work performed on the 1948 crop prior to the effective date of this determination are those which have been agreed upon between the producer and the laborer.

(2) Wage rates have been provided for six wage districts rather than ten as was the case in the 1947 wage determination for the comparable area. The effect of this change is to establish basic minimum rates for areas of generally similar conditions and to eliminate certain special rate considerations previously provided to meet local conditions. Where local conditions warrant the payment of rates in excess of those specified, higher rates may be agreed upon.

(3) For hoe and finger thinning, two rates have been specified for fields planted with segmented seed; one applicable to fields which have not been machine blocked, the other applicable to fields which have been machine blocked. The operation of hoe and finger thinning is defined as removing excess beet plants from the rows by use of a hoe in combination with finger work. mented seed is defined as seed which has been sheared or which has been graded to pass through a 12%4-inch screen with size variations not in excess of 364 inch. The rate for fields with machine blocking is applicable where the beets have not passed the 8-leaf stage; where the blocks have not been covered with dirt; and where the blocks are not larger than 4 inches by 4 inches. The differential in rates for fields which have been machine blocked as compared to fields which have not been machine blocked has been increased (except District I) in accordance with an analysis of labor performance during 1947 which indicated that significant labor savings were effected under the conditions enumerated. For fields planted with natural whole seed, the wage determination provides that the rate shall be \$2.00 more than the basic rates specified for fields planted with segmented seed.

(4) A specific basic rate has been provided for the operation of hoe-thinning beets where the producer does not require the workers to finger thin because of machine blocking, machine thinning, low rate of seeding or other labor saving practice. The differential in the rate provided as compared with the operation of hoe and finger thinning has also been based upon a time study of labor performance during 1947.

(5) Two rates have been provided for first hoeing. One rate is applicable where hoe and finger thinning has been performed and the other is applicable where

hoe-thinning (no finger thinning) is performed. The latter rate is commensurate with the additional labor required. The customary piece work rate has been provided for each subsequent hoeing or weeding.

(6) The permitted reduction in hoeing rates where cross-cultivation has been performed prior to hoeing or weeding has been extended to include all wage districts whereas in 1947 it applied only to District II. This recognizes the increasing use of special machine methods.

(7) Modified sliding scales of payment for harvesting work based upon two-ton yield brackets have been provided for all wage districts. Heretofore, a flat rate of payment, irrespective of tonnage, was effective in some districts, a sliding scale of payments based on one-ton yield brackets was effective in other districts. while a combination of a flat rate and a sliding scale was effective in still other districts. The modified scales are designed to return approximately equal earnings at various yields of beets per acre to workers of average ability. Rates specified are applicable to any tonnage within the brackets. These sliding scales of payments have been based upon an analysis of labor performance during 1947. The rates specified are somewhat lower at average yields than those specified in the 1947 wage determination.

(8) In addition to the basic rates, supplemental wage payments have been provided in the 1948 wage determination, One is payable if the laborer who enters into an agreement with the producer to perform the entire summer and harvesting work completes such work while the other is payable for the fulfillment of an agreement covering only the harvesting work. The purpose of the supplemental wage payment is to provide an additional incentive to the laborer to complete the harvest of the crop on a farm and to minimize the labor recruitment costs of the producer. Under either supplemental wage provision, the acreage originally agreed upon may be modified by agreement between the parties where unusual conditions preclude the fulfillment of the original agreement.

(e) General discussion of factors. The 1948 wage determination is based upon current information with respect to labor performance under different methods of cultivation and harvesting, prices paid by laborers for food and clothing, the general index of farm costs of production, and grower income for the 1948 crop. The specified basic piece work rates are designed in most instances to return to workers of average ability about 70 to 80 cents per hour for "summer" work operations and about 80 to 90 cents per hour for the harvesting work.

Accordingly, I hereby find and conclude that the foregoing determination is fair and reasonable and that compliance therewith will effectuate the purposes of the wage provisions of the Sugar Act of 1948.

(Secs. 301 and 403 of Pub. Law 388, 80th Cong.)

Issued this 15th day of March 1948.

[SEAL] CLINTON P ANDERSON, Secretary of Agriculture.

[F. R. Doc. 48-2373; Filed, Mar. 18, 1948; 9:05 a. m.]

TITLE 14—CIVIL AVIATION

Chapter I—Civil Aeronautics Board [Supp. 2]

PART 42-Non-Scheduled Air Carrier CERTIFICATION AND OPERATION RULES

INSTRUMENT FLIGHT OPERATIONS: TAKE-OFF AND LANDING

The following specifications relating to the Code of Federal Regulations, Title 14, Chapter I, Part 42, §§ 42.341 (b) and 42.342 (b) are hereby adopted:

§ 42.341 Take-off. • • • (b) Instrument flight operations

§ 42.342 Landing. * * *

(b) Instrument flight operations (IFR)

(CAA Specifications)

Note: See the Code of Federal Regulations, Title 14, Chapter II, Part 609, infra.

(52 Stat. 973, 984, 985, 986; 54 Stat. 1231, 1233, 1234, 1235; 49 U. S. C. 401, 425, 451, 452, 456, 457, 458; 12 F. R. 522, §§ 42.341 (b) 42.342 (b))

These specifications shall become effective upon publication in the Federal REGISTER.

T. P. WRIGHT, Administrator of Civil Aeronautics.

[F. R: Doc. 48-2063; Filed, Mar. 18, 1948; 9:00 a. m.]

[Supp. 3]

PART 61—SCHEDULED AIR CARRIER RULES APPROACH AND LANDING LIMITATIONS

The following specifications relating to the Code of Federal Regulations. Title 14, Chapter I, Part 61, § 61.752, are hereby adopted:

§ 61.752 Approach and landing limitations.

(CAA Specifications)

Note: See the Code of Federal Regulations, Title 14, Chapter II, Part 609, infra.

(52 Stat. 973, 984, 985, 986; 54 Stat. 1231, 1233, 1234, 1235; 49 U.S. C. 401, 425, 451, 452, 456, 457, 458; 12 F. R. 345, § 61.752)

These specifications shall become effective upon publication in the FEDERAL REGISTER.

T. P. WRIGHT,

Administrator of Civil Aeronautics.

[F. R. Doc. 48-2064; Filed, Mar. 18, 1948; 9:00 a. m.]

Chapter II—Administrator of Civil Aeronautics, Department of Com-

PART 609—STANDARD INSTRUMENT APPROACH PROCEDURE

It appearing that the Administrator of Civil Aeronautics has been authorized under the Civil Aeronautics Act of 1938, as amended, and the Civil Air Regula-

tions issued pursuant thereto, to prescribe standard instrument approach procedures and ceiling and visibility minimums; that the procedures and minimums have been distributed to the public, and interested persons have had ample opportunity to comment upon them; that the original procedures and minimums, and amendments thereto, have been published (12 F. R. 8111-8150, 13 F. R. 321), that in the public interest the procedures and minimums, as revised to date, should be published without delay; and that compliance with the notice and effective date provisions of section 4 of the Administrative Procedure Act (60 Stat. 238; 5 U.S. C. § 1003) would be impracticable and contrary to the public interest;

Now therefore, acting pursuant to the authority vested in me by sections 205, 301, 302, 306, 307, and 308 of the Civil Aeronautics Act of 1938, as amended (52 Stat. 973, 984, 985, 986; 54 Stat. 1231, 1233, 1234, 1235; 49 U. S. C. secs. 401, 425, 451, 452, 456, 457, 458), and §§ 42.341, 42.342, 42.37, 60.306, and 61.752 of the Civil Air Regulations (12 F. R. 345, 522, 5550) and acting in accordance with the requirements of section 3 of the Administrative Procedure Act (60 Stat. 238; 5 U.S.C. § 1002) I hereby revise Part 609 of the Administrator's Regulations.

Part 609 of the Administrator's Regulations is revised to read as follows:

Sec. 609.1 Introduction.
Sec. 609.2 Ceiling and visibility minimums.
Sec. 609.3 Directive.

AUTHORITY: §§ 609.1 through 609.3, inclu-Sive, issued under 52 Stat. 973, 924, 985, 926; 54 Stat. 1231, 1233, 1234, 1235; 49 U. S. C. §§ 401, 425, 451, 452, 456, 457, 458; and 12 F. R. 345, 522, 5550, 14 CFR, 42341, 42342, 42.37, 60.306, 61.752.

§ 609.1 Introduction. (a) The following standard instrument approach procedures include ceiling and visibility minimums for take-off and landing at particular airports. These procedures are identical for all users except those users for which the Administrator (1) has specifically authorized lower ceiling and visibility minimums, or (2) has not been authorized to prescribe take-off minimums.

(b) Initial approach altitudes are the minimum en route cruising altitudes authorized for an airport between the last radio fix and the radio range station. These altitudes are based solely on clearance above terrain and obstructions to flight. The altitudes shown for initial approach on any radio range course shall be at least one thousand (1,000) feet above all obstructions, except for those areas designated as mountainous areas. Initial approach altitudes for mountainous areas shall not be less than the published en route minimums; where no en route minimums have been established, a clearance of at least two thousand (2,000) feet over all obstructions must be provided. Unless otherwise authorized by the Administrator, these altitudes shall provide for terrain clearance in an area five (5) miles each side of the center line of the radio range course from the last radio fix (radio range station or reliable intersection) to the range station: Provided, That no maneu-

vering is contemplated for this course. Where it is anticipated that maneuvering will be necessary on any radio range course, either for holding purposes or otherwise, a minimum lateral clearance of ten (10) miles from the center line of the radio range course will be provided for the maneuvering side, and five (5) miles clearance provided for the opposite side. Where adequate radio fixes exist, altitudes will be shown for all range courses, either on or off airways. Where no radio fix exists, the term "Minimum en route altitude" will be used for the direction involved.

(c) If the range-associated airport is more than 7 miles from the range, visual contact must be established over the range on the final approach, and VFR complied with from range station to airport.

(d) This policy is of the same nature as that covering a multiple-airport range. This latter policy directs all traffic first to the key (range-associated) airport and thence by VFR operations from over that airport to one or more procedure-approved airports in the same

(e) Because of the rugged terrain adjacent to many of these range-associated airports, the Coast and Geodetic Survey charts, especially the Approach and Linding Charts, covering the area where an instrument let-down is proposed, should be carefully studied before an approach is made.

(f) Revisions of, or additions to, these procedures will be published in the FED-ERAL REGISTER and Code of Federal Regulations, and may appear in the Airman's Guide and Flight Information Manual.

§ 609.2 Ceiling and visibility minimums. (a) Regular approach minimums (identified by "R" in the tables) are authorized when it is necessary to circle the airport for landing. They apply to all types of aircraft except aircraft having stall speeds, as established in the Airplane Operating Manual, of 75 miles per hour or less at maximum certificated landing weight with full flaps, landing gear extended, and power off, which are authorized to operate into airports with ceiling minimums 100 feet lower and visibility minimums 1/2 mile less than the published regular approach minimums, but in no case less than ceiling 500 feet and visibility 1 mile, or less than the authorized straight-in approach minimums, whichever is higher.

(b) Straight-in approach minimums (identified by "S" in the tables) are authorized only when landing can be accomplished straight in from the navigational facility being used to the near end of the runway without exceeding 500 feet per minute rate of descent and without change of direction of more than 30 degrees. They apply to all types of aircraft.

(c) Alternate minimums (identified by "A" in the tables) are authorized when an alternate airport is required. They apply to all types of aircraft.

(d) Take-off minimums (identified by "T" in the tables) apply to all types of aircraft.

(e) Procedure not authorized (identifled by "NA" in the tables).

§ 609 3 Directive The following standard instrument approach procedures including celling and visibility minimums are hereby prescribed:
(a) Low frequency ranges

	If visual contact not estab- lished over airport at authorized landing min impins, or if landing not	ccomplished—	Olimb to 2,800' on N leg within 25 mi	Olimb to 4 000° on S leg with in 25 mi	(Boing rovised.)	Olimb to 2 000′ on N leg	Olimb to 6 600° on S leg with in 25 mi	Olimb to'2 600' on NE leg	dimb to 3,000 on SW leg within 26 mi	(Boing rovised.)	(Being revised)	`		Turn left climb to 10 000 on $_{ m W}$ leg	Climb to 1 500' on NW lez within 25 ml.	Climb to 2 800' on S leg with- in 25 mL	Olimb to 1 460° on B lez	(Belnz wolked)	Climb on right side of SE kg to 1 Eaf
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J	Min. alt over range final		2,000	2, 500′	`.	1 155	5, 200′	1 800	2 200	''		Colonio		008 '9	è	2,200	1,000		E00*
	Procedure turn min at distances from radio range station		10 mi — 2 500′ E sido S leg 15 mi — 2 500 E sido S leg 20 mi — 2 500 E sido S leg 25 mi — 2 500′ E sido S leg	10 ml —3 000 W sido N leg 15 ml —3 000 W sido N leg 20 ml —3 000 W sido N leg 25 ml —3 000 W sido N leg	one Air Terminal to Abilene AFF)	-2 000' W side S leg -2 000 W side S leg -2 000 W side S leg	3338 1111	25 mi — 5 700 W side, N ice. 10 mi — 2 100' S side SW leg. 15 mi — 2 100' S side SW leg. 20 mi — 2 400 S side SW leg. 25 mi — 2 400 S side SW leg.	10 ml —2 500° W side NE leg 16 ml —2 500° W side NE leg 20 ml —2 500 W side NE leg 95 ml —2 500 W side NE leg		Straight in approach only	rport to Schenectady Co Airport)	Airport to Troy Airport)	10 mi.—\$000 W sido 8 leg 115 mi.—\$ 000' W sido 8 leg 25 mi.—\$ 000' W sido 8 leg 25 mi.—\$ 000' W sido 8 leg	10 mi —1 500′ E side SE leg 15 mi —1 500′ E side SE leg 20 mi.—1 600′ E side SE leg.	mi.—2,700′ v	֓֓֞֓֓֞֓֓֓֓֞֓֓֓֓֞֓֓֓֓֓֓֞֓֓֓֓֡֓֡֓֡֓֡֓֡֡֡֓֡֓֡֡֡֡֡֡		10 mi -1,200 W sdo NW les 16 mi -1,200 W sdo NW les 20 mi -1,200 W sdo NW les 25 mi -1,200 W sdo NW les
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	Min. initial appr. alt. from the direction and radio ifx indicated		N-2,800 (Jamestown rangs). SE-3,000 (Watertown rango). S-2 600 (Huron rangs). NW-3 600 (Bismarck rango)	N—Min. enroute alt	(Make let-down to Abilene Air Termir	N—2,500' (8 leg St. Louis) E—Min. enroute alf. 8—2,000' (Memphis rance)	W—Min, enroute alt. N—6 000' (E log Cheyenne) B—5,000 (Hayes Center range) S—Min, enroute alt.	W—6,600' (Donver rango). NE—2 600' (E leg Cloveland) SE—2,600' (A kron LFM). SE—2,600' (3 leg Youngstown) SW—2,400' (3 leg Youngstown)	N W—X, TOV (NY 16g Cloyotana) NP—Min enrouto alt SW—Min, enrouto alt NYW—3 000° (Lawson prine)		SW—1 300' (Oolonie LFM)	(Make let-down to Albany Airport	(Make let-down to Albany Airport	N—Min. enroute alt E—1,100V (Erg Otto). E—10,60V (Engie ragse). S—6,30V (Fengle FM) final.	NE—Min enroute alt SE—Min. enroute alt SW—1,600 (N leg Lake Charles)	N. W.—Min. enroute alt N.—Min. enroute alt. SE—2600 (Minneapolis range)	NW—2 807 (Stress range) NW—1,606 (Stress range) E—1,607 (Corpus Christi range)	W-200V (E. Reg Corpus Ontsti)	NE—Min, encode alt. SE—J.KV (Josesaville range) SW—Min, encode alt. INV—J.KV (Magen range)
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,	' If vieus] contact not estab	lished over airport at authorized landing min-	necómpilshed—	(Boing rovised)	Olimb to 4 700' on E leg	If not contact over maps elimb to 5,200' on W leg		(Being roviced)	(Being revized)	(Being rovierd)	Olimb to 1,660' en NE 1:3.	Climb to 1,700' en NE 1:3.	Olimb to 2 163' en SE 1137 3			Inot contoct over rongs, im- mediately make 1557 left turn and climb to 0,659 on NW leg within 10 mi		-	Climb to 1 kgd' on N leg
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	Colling and visibility minimums Day Coll Vis. Coll Vis. (tt) (mi) (mi) (mi) (mi) Coll (mi) (mi)		accomplished—	Olimb to 2 500 on SE leg	Olimb to 1 600 on NW leg	Olimb to 1 600 on SE leg	Olimb to 2 200 on N leg	Olimb to 1,500 on 8 leg	\	Turn right and climb to 2 000' on NW leg	Olimb to 4 000' on E leg	Olimb to 5 600° on W leg with in 10 mi	(Being revised)	Climb to 3,800° on W leg.* All turns will be made on the Side of the leg. Tower 2,408° MSL, 4 mil N e miles E of range (Being revised)	If not contact over range, turnleft and climb to 0 000 on S leg	If not contact over range, climb to 2000' on SW lez	Turn right and climb to 4,000 on NW leg within 10 mi. High tetrain 8 mi N of NW leg 10 mis of range.	Climb to 1.760' on SVF 123
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	Min. fultial appro. alt from the direction and radio fix indicated			NE-2,600 (S log Houlton) SE-Min. enroute alt SW-2,300 (NE leg Augusta), NW-1,600 (S leg Mingockt), NW-1,000 (S leg Mingockt),	NW—1,500 (Colombia ray) mini NE—1,500 (Colombia ray) mini SE—Afric enroute alt SW—Min. enroute alt. SW—1,500 (S. leg Shreveport).	N. W.—I, ow. (E. 16g Sareyoport NE—Min. enroute alt: SE—I, 500' (W leg Now Orleans) SW—I, 600 (E leg Lake Charles)	NW—1, 600 (Alexandria range), N—2, 200 (SB leg Grand Rapids) E—2, 200 (SB leg Lansing), E—2, 100 (E leg South Bend)	W—3.200 (N kg Gosba) (No instrument lot-downs authorized) W—Min. enroute alt. E—1,300 (Lake Charles range)	SMin, enroute alt. W1,600' (Houston range). (Make lef-down to Jefferson Co Airport	NE—10,000 (Princeton rango) 8—4,000' (Everett rango), 8W—3,600' (SE leg Patricia Bay)	NW—2,000 (Vancouver range) E—4,000 (Abilen range) SE—4,000 (SW leg Goodfellow) W—4 000 (NW leg Midland). W—3,200 (Stanton FW) final.	NE-5 000 (E. Lig Lubbock;) NE-5 000 (Custer range). NE-4,500 (Wibbo FM) final SE-4,600 (Livinsston range). W-9 000 (Livinsston range).	N—8 000 (E. leg Lawistown)	N=3 400 (SE leg Minot) E=3400 (musestown range) E=Min. en route alt. W=3 800 (Dickinson range) W=3,300 (Undson FMA).	N-6,000' (Needles range) E-6,000' (N leg Glia Bend) S-5,000' (Yuma range)	W=_NtoV (N leg Indio) NE=_Mtin_ en route alt SE=_Mtin_ en route alt SE=_Mtin_ en route alt NW=2,000' (N leg Memphis),	NE—Min. en route alt.————————————————————————————————————	N-1,667 (SE lez Concord) N-807 (Peolody Ed.) famil. E-Min. en route alt. SW-1,767 (N lez Proridence) W-1,469 (N lez Proridence)
	Station		Bangor Maine: Dow Field el 160'	Barksdalo (Shrevoport) La : Barks dalo Fiold ol 167'	Baton Rouge La : Harding Field el 70'	Battle Creek Mich: Kollogg Field of 936'.	Battle Mountain Nev Beaumout, Tex.: Jefferson Co Afrport el 16'	Beaumont Airport ol 31'	Bollingham, Wash: Bollingham Airport ol 188'	Dig Spring, Tex : Big Spring Air port el 2 695'		Birmingham Ala: Birmingham Afrport, el 643'		Blythe Calif: Blythe AFF el 397'		ien .	Procedure No 1	

F	'rıda	y, M	larch	<i>19, 194</i> 8			-	F	EDE	RAL REC	gister							1427
	If visual contact not estab	lished over alrport at authorized landing min-	accomplished—	Ollmib to 1,500 on N leg	Olimb to 2,000' on NW leg within 25 mi	(Being roviced)	Olimb to 1 coo' on SW leg	Ollmb to 1 300' on S lez with in 25 mi		Climb to 2 699' on SW 1cz.	Climb to 2 659 on Nt3 lez	•	(Being revised.)	Climb to 2 653 on N leg	Climb to 1 Ció en S lez.	If not contact over range, clinh to 10,000 on 81; for within 15 mi. "Precedura turns to W not outheriest due to high terrain. Sid ingreals not outherized for	(Delngrovi od)	(Noing roviced)
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Ì	Station to airport		bear	from So Boston LFM	200°	310°	ಜ್	167°	t	ಪ್ರಾ	SEE SE		Ê	333	151°	22	6. 6.	973
	Min alt	# 2		1, 200 over 8 Boston LFM	1 500,		1,000	002		1 30	Over Cheekto Warn LEM			නි 1	31 I	0 000		
	Proòcdure turn'min, at distances from radio range station			10 ml —1,600 S sido SW leg . 15 ml —1,600 S sido SW leg . 20 ml —1,600 S sido SW leg . 20 ml —1,600 S wido SW leg .	10 ml —2 000 N sido SE log 16 ml —2 000 N sido SE leg 20 ml —2 000 N sido SE leg 20 ml —2 000 N sido SE leg	-2,100 N Sido SE	10 ml —1,000 N side NE let 16 ml —1 600 N side NE let 20 ml —2 000 N side NE les 20 ml —2 000 N side NE les	10 ml -1,200' W sido N les 16 ml -1,200' W sido N les 25 ml -1,200' W sido N les 25 ml -1,200' W sido N les	International Airport to Mauldin)	10 ml — 1,559′ N sido NZ lcz. 16 ml — 1,559′ N sido NZ lcz. 20 ml — 2,697′ N sido NZ lcz. 23 ml — 2,697′ N sido NZ lcz.	10 ml = 2 629 8 aldo 8W 1cz 16 ml = 2 629 8 aldo 8W 1cz 20 ml = 2 629 8 aldo 8W 1cz 22 ml = 2 669 8 aldo 8W 1cz	-	:	EBB	DEM — 2 GG 7 ECLO NIVE TO THE TOTAL NIVE	10 ml - 0 639' D cldo N lcc* 13 ml - 0,639' D cldo N lcc 20 ml - NA 25 ml - NA	:	***
1	i	rinal appr leg		- 8w	E		a E	z 		ž	W8		•	62	AN	2		
		Shuttlo		Nono	None	1	Nono	Nono	rt. Fly contact from	None	None		!	None	None	Nono .	3	
	Min, initial appr., als, from the direction and radio fix indicated			N-1,500' (SB leg Concord) P-Min, ou route alt. B-W-1,700' (N leg Previdence). SW-1,500' (N remidin PM) final	W—1,500' (N 10g Troy loones) NE—2,200' (N 10g Smith villo) SE—2,200' (N W 10g Smith villo) SIW—2,000' (N W 10g Ngshyllo)	A W—WLAT OR FOLKO BIL	(No accolated alroys). NE—2,000 (SE) for Interest, SE—1,000 (NE) for Milately, SW—1,000 (Te for Localardia) NW—2,000 (NE) for Novartia)	N—Min. enrouto alt. N—700 (Los Frecios FM) final E—Min enrouto alt. S—Min. enrouto alt.	(Real of down to international airport	NE—2 000 (W Icz Rochester)	NE_200/ (W. P. Rediction) NE_200/ (W. P. Rediction) NE_100/ (Welearthole FM) NE_100/ (B. P. Welearthole FM) NE_200/ (B. P. Welearthole FM) NW_200/ (B. P. C. Rediction) NW_200/ (B. P. C. Rediction) NW_200/ (R. P. C. Rediction)	W-2669 (ND 167 Clear Creek) (No precedure approved)	***************************************	NE_2650 (8 kg Moline) 8—Min. curanto alt. 8W—2659 (Kirkeylije range)	N=3csy (V, tex Molino). N=3cso (D, lex Monteol). N=3cso (D, lex Monteol). N=4cso (N, lex Monteolex). N=5cso (Undurateo I, N). N=5cso (Veremen PM). N=5cso (Veremen PM).	NW—1.167 (Grand Elo PM) final N—5.629 (Cl. Fr. Prammond) ED—10.629 (Whitehall rango) E—11.649 (Gillon rango) NW—12,769 (SW kg Drammond)		
	Station			Boston, Mass.: Logan Airport, of 12'Continued Procedure No 2	Bowling Green, Ky : Bowling Green Airport of 540'		port Atr	International Alrhort el 22'	el. 22' Ialo Alrport,	:	Procedure No 2	Burkank, Califf. Lockhool Air	Burley, Idaho: Burley Alryert el.	Burlington, Iowa: Burlington Air- 19art, el. C37	Du'llington, Vt.: Burlington Ale- part, el III	Butto, Ment.: Butto Alrport, el	Octioned, IX, Mex : Carished Air-	Wardwill Field et 5349

1428							RUI	ES AND	KEG	ULAIIC	DNS					
If visual contact not estab	Colling and visibility minimums Day Night authorized Janding min minus, or if landing not accomplished—		Olimb to 1 800 on NE leg	Olimb to 3 000 on W leg	Olimb to 1,600' on B leg	Olimb to 3 000' on N leg.	Olimb to 4 000' on SE ler	Olimb to 1 500' on SE leg	(Being rovised.)	Proceed S on N leg of Harvey climbing to 2 000'	Climb to 2 500 on NW leg.		Climb to 2,60° on SW leg. 1,235 MSL twr 2.5 mi N of SW leg 13 mi out	Olimb to LEG on SW leg.	Climb to 2 ECC on B liz	
Sen	台	Vis. (mi)			0000			000000		00000	2000 2000	1311	_	H4444 0055	1	1161 2000
y minim	Nig	Cell (ft)	88	1,1	28888	8888	288888		2000	1, 88888	1 200 300 300	1 2005 300 300 300		5888		2888 8888
risrbilit	 	V13, (mi)			0000			000000		1245 10000	11811	22000 2000		4000 4000		2262
ing and v	Day	Cell (ft)	11 80		8888	2888	888888	141 I	2000		1 8888 8888	수 1 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		1 886 498 498 498	1	8888
Coll			#(<	- -	1544E	# ∞ ∢€	+ # % 46#-	なでなるよけ	¤o	45×45	Rode	HBAH		¤∞∢€		Rodf.
Station to airport				es es	2 2	2 0	1 2	30	44	6 0	4	332° 2.5 from Ashburn LFM		5 13	9	2.0
Stati	,	bear		43	304°	2110°	360	203	141°	92	162°	Ash LJ		ន	1593	160
Min alt	Min. alt over range final appr			1 600	1 600	009	1 600	2,000	1 000		1 500	1,500 over Ashburn LFM		1 600'	3,700	1 400
Procedure turn min. at distances from radio range station		Field to Casper AFF)	177 177 188		25 ml — 2 100' N sido B leg 10 ml — 1200 S sido W leg 15 ml — 1 200 S sido W leg 20 mll— 1 500 S sido W leg 20 mll— 1 500 S sido W leg	10 mi —2 500 16 mi —2 500 16 mi —2 500 20 mi —2 500 25 mi, —2,500 d to Cannon	10 mi -2,600 E sido NE leg. 15 mi -2 800 E sido NE leg. 20 mi -2 600 E sido NE leg. 26 mil -2 600' E sido NE leg	10 mi —1 600 W sido NW leg 10 mi —1 600 W sido NW leg 90 mi —1 600 W sido NW leg	20 W 30 W	10 mi —2 000' W sido NW leg 16 mi —2 500 W sido NW leg 20 mi —2 600 W sido NW leg 25 mi —2 600 W sido NW leg.	10 ml —2 000 E side SE leg 15 ml —2 000' E side SE leg 20 ml.—2 000' E side SE leg 25 ml —2 000' E side SE leg.	Airport to Hinsdale Airport) Airport to Stinson Airport)	10 ml.—2 100′ N side NE lez 16 ml.—2 600′ N side NE lez 20 ml.—2 600′ N side NE lez 25 ml.—2 600′ N side NE lez	1 1 1 8 8 8	25 mi — 1500 W stdo NE 125 10 mi — 1 500 S stdo W 122 25 mi — 1,500 S stdo W 125 25 mi — 1,500 S stdo W 125	
	Final appr		Wardwell	ВW	岡	₽	S as Fiol	Z Z	MM	,	B _X	SE		KE	RE	₽
	Shuttle		Fly contact from War	None	None	None	None contact from Doug	None	None		None	None	Fly centact from Fly centact from	Мопе.	None	None
Min, initial appr., alt. from the direction and radio fix indicated			(Make let-down to Wardwell Field E	NE-1,000 (NW leg Lafayette) E-2 000' (SIV leg Lafayette). SW-2,100' (NW leg Effinsham)	W—2,000′ (N'E leg Springfield). N—2,600′ (SW leg Kansas City) E—2,100′ (N' leg Joplin). S—2,100′ (N'E leg Tulisa).	W—3,000' (NE lig Wichita) N—1,200' (Florence range) E—Min. encoute alt. SW—1,300' (Savannah range) V—1,500' (Assurah range)	(No procedure approved) N—3,000 (SW) leg Greensboro) E—Min encoute alt S—Min, encoute alt W—3,000 (NE leg Spartanburg), (Make let down to Doughas Field Fly	NE—3,000 (W log Knoxville) (Kings ton Int.) SE—4,000 (Atlanta range). SW—4,000 (N log Birmingham) (Gar don Cilly 7pt.)	NW—4,000 (Washville range) NE—Min enroute alt SE—Min, enroute alt, SW—Min, enroute alt,	NW-Min emouto aft	NE—2,200 (N leg South Bend) SE—2,000 (NE leg Lafayetto) W—2 300' (N leg Peoria), NW—2 500 (N leg Milwankeo) NW—1 600 (Fenklin Park FM)	final. NE—2300 (N leg South Bend) SE—2 000 (NE leg Lafayotte). SE—1,000 (E leg Horvey) final W—2,200 (N leg, Peoria).	(Make let-down to Chicago Airport (Make let-down to Chicago Airport	(No procedure approved.) NE—2 606 (Fig Patterson	NW—2 300' (E 1:3 Indianapolis) NW—2 200' (Cedar Grove PM) NE—2 200' (Cides Ameritio) SE—3 500' (Wichia Falls) SW—4 100' (SI Per Ameritio)	NW-4,700' (E 13z Amerillo) B-2,700' (Me 13z Amerillo) B-2,700' (Merin rango). SE-2,700 (North Boyelton FLD) W-1,900' (North Boyelton FLD) W-1,400' (Elyria FLD) fanal. NW-1,900' (Windser rango)
Station		Oasper, Wyo —Continued Oasper AFF el 5347	Chanute (Rantoul) Ill: Chanute Field of 738'	Chanute, Kans: Chanute Alrport of 980	Oharleston, S O: Charleston Air port of 46'	Oharleston, W. Va Oharlette, N. O.: Douglas Floid el 746'	22	Oherry Point, N G: Cherry Point MOAS el 29	10yenne Alr	Olicago Alroct, ol 618': Procedure No 1	Procedure No 2	Hinsdale Airport (Hinsdale III.), el 710'. Stinson Airport (La Grango III.), el Airport	Chincotezzue, Vo Cincinnati Oulo: Lunken Airport el 483'	Clarendon, Tex.: Clarendon Air port el 2 869	Cleveland, Onles Corcend Ak Fort el. 789	

Friday, March 19, 1948	FEDERAL REGISTER		1 429
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i ėtėj			10, 10					PEDER	ML NE	Gister							1720
If visual contact not cetch.	lished over alroat at authorized landing min- imums, or if landing min-	accomplished—	If not contact over range, turn right and shuttle to 9,000 on SB log within 25 ml. 7,600 (bremin on S side of W log within 10 ml.	Climb to 6,000 on N leg within 25 mi	Olimb to 8,000' on S leg	Ollmb to 2 600' on E 123.	Ollmb to 2 000' on W lez	Climb to 2000' on NW kz within 25 mL	Climb to 8,063' on W lez within 25 ml.	Climb fo 2,608 on 13 lez.	Climb to 2 ST on W let		(Ochy myked)	Turn right and elimb to 1,400' on NW lex within 25 ml	Climb to 2,663' on N lex	Climb to 2 600 on W leg	Climb to 1,660 on NW le: within 25 ml
SEE.	42	Vis.	30.0	0 :00		00000 00000		00000	0000				೧೯೯೮				5565
y minimums	Night	C(t)	8448 8448	1, N 2, N 2, N 2, N 3, N 3, N 3, N 3, N 3, N 3, N 3, N 3	888	88888	888	88888	8888		§ 556		38888	8 8588		<u> </u>	67 T BB
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Colling and visibility	Day	Coll (ft)	2,000 1,000 1,000	5,458 8,488	888	<u> </u>	888	88888 -	8888	. 668	§ \$28	9	5535	8 8528		38	23 <u>2</u> 3
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Min. alt hirpori rango Mag D appr hong Dong			263	321°	168	æ	202	330°	252°	%	7000 Family Fami	4	, Š	153	3EO	0025	320°
	Min. ait over rango	appr	000 2	4 500	8 200,	1,300	1 000	1 000'	5, 500	1 80%	1, Cay over Summit	FM		• <u>§</u>	1 690	530,	Ous
nnal opr from radio rango station			10 ml —6 000' B sido SB leg 15 ml —7 000' B sido SB leg 20 ml —7 000' B sido SB leg 25 ml —9 000' B sido SB leg	-0 000 B sido B leg -0 000 B sido B leg -0 000 B sido B leg -0,000 B sido B leg	100 - 3 700' E sido N les 16 ml - 8,000' E sido N les 20 ml - 8,000' E sido N les 20 ml - 8,000 E sido N les	25 mi — 5 000 % 8 8 000 N 167 10 mi — 2 000 8 8 100 W 167 25 mi — 2 000 8 8 100 W 167 25 mi — 2 000 8 8 100 W 167	888 777	25 mi — 1 666 N 5140 E 167. 10 mi — 1 666 E 5140 SE 163 20 mi — 1,660 E 5140 SE 163 25 mi — 1,660 E 5140 SE 163 25 mi — 1,660 E 5140 SE 163		8555 7777	E CO CASE E E E E E E E E E E E E E E E E E E	min—2 volg in characters		10 ml — 1,0% W cldo NW lcs 25 ml — 1,0% W cldo NW lcs 25 ml — 1,0% W cldo NW lcs 25 ml — 1,0% W cldo NW lcs	mi —1,600° W side B 103		23 III - 1 COU N FOLD 1 LOG 23 III - 1 COU N FOLD 1 LOG 15 III - 1 COU N FOLD 1 LOG 15 III - 1 COU N FOLD 1 LOG 25 II
_	Final appr leg		98	σ 2	z	A	Ħ	<u>а</u>	======================================	A				NW	ග	Ħ	38 38
	Shuttle		On SE leg to 7,000' within 20 mi	ono	Nono	None	Nono	000	000 000	None	None	The confect from Part		None	None.	None	None
Min, initial appr., ait., from the direction and radio fix indicated		E-12 000' (Rodeo rango) E-10,000' (Hilltop FM), SE-10,000' (Why for, Rodeo) N'-10,000' (SE for Tucson) N'-13 000' (NE for Tucson)	N—Min, encouto alt. B—Moo (Mullin Pass rango) B—Min, encouto alt W—7,000' (Spokano rango),	N—8,000 (Conver rango) E—Min, enrouto alt., 8—8,000 (Puoblo rango)	N—2,000 (st. Louis rango) B—2,000 (st. Louis rango) B—2,000 (t. Vietsy). W—2,200 (tWE leg. Kansas Oliy)	E-1,600' (SW leg Finence) BE-1,600' (NW leg Charleston) W-2 009' (NE leg Augusta)	NW—Min. enroute alt. P—1.009 (SW) for Phyrocol NW—X(W) by Charlecton) W—2.000 (NV) by Charlecton) W—2.000 (NV) by Charlecton) NV—Min. enroute alt.	N—Min created the common Autoric Nation (No. 1) of the common of the com	NE-2 66 (W leg Cloveland). ND-2 59 (Me. Meary FM) 17-2 659 (Piloburgh maso)	6-2,597 (NW Fer Bundlarton) W-2.59 (NW Fer Potterson). W-1,695 (Hill)rich PM final ND-2 OW VW VG Clovebrot). LD-2,597 (MK Liberty PM).	8—2,627 (NW) et Musia. 8—2,627 (NW) et Hundington) W—2,577 (N Ict Politeren) W—1,570 (Hillerin PM).		NE-1,657 (N 1c; Corpus Christi SP-1,657 (W 1c; Corpus Christi NAS).	BW—1,400' (3 leg Alfre) N—2,400' (5 leg Alfre) N—3,500' (5 leg Corpus Christi) E—Min enreute alt	V—2, Engologies (Stea Alles), N—2, Engologies Alles), N—2, Engologies (Stea Alles), N—2, Engologies Christi) (Stea Corpus Christi) (Stea Corpus Alles), Min enronte all	N.—2.09 (81cg Alleo) NE—2.09 (81cg Alleo) NE—1.200 (81cg Dirmingham) SR—1.200 (8W log Maxwell) SW—Min, enraule off, NW—Min, enraule off, NW—1.200 (W ley Maxwell)	
	Station		nt Flold,	Occur D' Alono, Janio, Occur D' Alono Air Terminal, ol 2 310'	Colorado Springs Colo: Foterson Field, el. 6,170	ambia Airport	Capital Airport of 244	1	İ	Columbus, Oblo: **Receding No 1	Proteduro No 2	Towns AER of 20	hot	Corns Chiest, Tex.; Cliff Mous Field (OR mago), cl 42	Cerpus Christi NAS, el 19	Woldron NAAB, el 25	Craig (Schna) Ala : Craig Flehi

14	130								RULES A	ANE		ATIC	JN5					
	Colling and visibility minimums If visual contact not established over airport at authorized landing min innuns, or if landing not accomplished— Coll Vis. Coll Vis. (ft) (mi)	Olimb to 1 200 on W leg	Olimb to 1,200' on NW leg	(Boing rovised)	Olimb to 6,500 on N leg within 17 mi	If not contact over range climb to 9 600 on E leg	Climb to 2 300 on E side of N leg		Olimb to 2,100 on N leg.* Make all turns on N side of W leg, high tank on S side	Olimb to 1 200' on E leg	Climb to 11 000' on NE leg	(Bolng rovised)	If not contact over range climb to 2,500° on N leg *If procedure turn accom plished beyond 10 mi alt. inbound to Indianola FM is 1800°.	Climb to 4,000' on S leg within 20 mi.	Turn left and climb to 11,737 on NE lez vithin 25 mL	Climb to 1,667 on NE les vithin 25 mL		
	rms	þ	Vis.	1321			01 00	00 100	1221 10050	00	000000	220	100 i00	1311		220	20 M2	4444
	y minim	SIN	Ceii (ft.)	1 2000 300 300	1 500	888	88 ^X 8	88 ^X 88	1 200 300 300	98	888888	388	1 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	5888 8888	1 869 869 869	888	2, 2, 1, 1, 2, 3, 3, 3, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	<u> </u>
	risibilit	A3	Vis.	11311		000		00 :00	1221		200000	200	100 100	11811	2000 2000	311	100 led	4484
	ing and	Day	Cell (£t)	,98868 88868	1 500	888	88 <mark>7</mark> 8	685788 88788	1 2000	88	- r	888	28488 288888	3888	1 800 800 800 800 800	9899	888 488	2558 1
	Coll			Hoat	¤o.∢	೯೫4	ლო∞<	であるみで	まる人で	# <	ないれるない	ಜ∞≺	はまる 女氏	まる女円	まるみま	¤av ∢	FRØ4H	Ro4F1
	Station to airport		(iii	9	2.7			0	, ci		es 	2.1		·———-	61	21	9	8
-			bear	263	315°	830	327°	149	356°		°6	101			314°	167°	167°	£ 4.
	Min. alt	over rango final	appr	00°	009		4 800	3 900	1 200	./	1 600	009	6 800		*1 600'	3 200	7,240	2006
Final Procedure turn min. at distances o appr from radio range station finates		10 ml — 1 200′ N sido B log 15 ml — 1 200′ N sido B log 20 ml — 1 200 N sido B log 25 ml — 1 200 N sido B log	10 mi —1,100 E sido SE leg 16 mi —1,100 E side SE leg. 20 mi —1 100' E sido SE leg.	mi —1 100 E sido SE	-5 500 E side SE -5 500 E side SE -5 500 E side SE	25 mi — 6 600 E sido SiE log 10 mi — 6 000 N sido W log 11 mi — 6 000 N sido W log 20 mi — 6 000 N sido W log 25 mi — 6 000 N sido W log	10 ml — 1 700′ B side S log 16 ml — 1 700 E side S log 20 ml — 1 700 E side S log 25 ml — 1 700 E side S log	Hensloy Flold)	10 ml —2 100 N side W leg 16 ml —2 400 N side W leg 20 ml —2 400 N side W leg 25 ml —2 400 N side W leg		25 mi – 1 200 S sido W leg. 10 mi – 7 000 W sido SW leg. 15 mi – 7 000 W sido SW leg. 20 mi – 8 000 W sido SW leg. 25 mi – 8 000 W sido SW leg.		Field to Lower Field.) 10 mi – 2007 Estdo Sies 110 mi – 2007 Estdo Sies 20 mi – 200 Estdo Sies 25 mi – 200 Estdo Sies 25 mi – 200 Estdo Sies	mi —3 700' N mi —3 700' N V —3, 700' N	25 mi.—3 700° W side N leg. 10 mi.—8 600 W side NB leg. 15 mi.—9 600 W side NB leg. 25 mi.—9 600 W side NB leg. 25 mi.—9 600 W side NB leg.	10 ml — 1,400 S sido SW kg. 15 ml — 1,400 S sido SW 12; 20 ml — 1,400 S sido SW 12; 25 ml — 1,400 S sido SW 12; Irport to Noplex Field.)		
_		Fina appr leg		M	SE SE		SE	₽	0 2	eld to	*	≱	BW .		n s	z	NE	SW Han A
		Shuttle	~	None	None.		None	None	Nono	Fly contact from Love Field to	None	None	None	S most to the	Fly contact from Stap	None .	Nons -	Non2
	-			N—Min. enrouto alt. E-1,400' (SE leg Dothan) (Marianna L-1,400 (Eglin range). W—1,200' (N leg Pensacola) (Molino	ME-Min, enroute alt SE-1,200 (N leg Tampa) SW-Min, enroute alt.	NW—1 200' (E-log Tallahassee)	E—8,000 (SE leg Medicine Hat) SE—6 500 (Great Falls range) W—11,000 (S leg Cowley).	N—0,500' (Lethbridge range) N—Min, enroute alt E—0,000' (Needles range) S—Min, enroute alt. W—6 000' (Palmdale range)	N-2 300 (N log Fort Worth) N-1 700 (E log Fort Worth) E-2,100 (NW log Tyler) S-2 600 (Waco range) S-1,200' (Duncanyllie FM) final	W—Min, enroute alt. (Make let-down to Love Field Fly c	N-2 100 (W leg Columbus) B-2,100 (N leg Potterson) S-2,300' (NW leg Onelmati). W-2 400' (Indianpolis rango)	N—Min. oncoute alt. E—1,200′ (NE leg Orlando) B—1,200′ (Orlando ranco)	W—Nin. enroute alt NE—11,00° (Fairfield range) SE—Min. enroute alt SW—9,00° (Millord range) NW—Min. enroute alt	Maka lat-dozmeto Stanlaton Blald - 1	ğ	(See Windsor, Canada) N—Min. enroute olt	W—4,50° (Miles Oity range), NE—10,50° (Whitehall range) E—Min, enroute alt. S—11,50° (Dubots range) W—Min, enroute alt. (W—Min, enroute alt.	t t
			Crestview, Fla : Crestview Air port ol 274	Cross Oity, Fla : Cross Oity Air port el 42	Custer, Mont: CAA int Field of 2 868'	Cut Bank, Mont: Cut Bank Air port el 3 900'	: CAA Int Field,	Lovo Field ol 483	Hensley Field el 405	dio: Dayton Airport el	Daytona Beach Fla.: Daytona Beach Airport el 34'	a Airport el	Skapleton Field el 5 320° Buckley Field, el 5.632	, el. 6,12' yra: Des Moines	Detroit, Mich. Dickinson, N. Dak: Dickinson Afrport el 2 637'	feld	Dothan, Als.: Dothan Afrort, el. 20'	

4		uy_{\bullet}	<i>mar</i>								RAL RE		:12						1431
	If wisnes contact not cetab.	lished over alroat at authorized landing min- imums. Or if landing min-	accomplished—	Olimb to 9,000' on SW log within 15 ml High terrain	Moke immediate left turn and climb to 7 500' on S	# #	Olimb to 2 000' on W lez	Olimb to 1,600' on 8 1:3	If not contact over range, make 180° turn and elimb to 1,660° on E leg within	Deing wetcod.)	U not contact over mure climb to 0,000 on NE 1/7 Bet, mare and Deth FAL malang procedure turn on N cide of NE 1/7	Molto left turn and elimb to 7 650' on E ler. Olimb to 5,500 within 10 mi	Climb to 3,63F on NE 125	Turn left and elimb to 10,000 on W kg.	Molto left turn to 123°, edimb to 8 60° en 3 leix within 55 ml. Moltodin 8623° mill 6ml. W of Tucco Mc. PM. Illeli terralia ca N cido of D 133	Climb to 8.655 en S lez	(Being revised)	Turn right and climb to 2,600' on D leg within 25 mi.	Ollmb to 2,600 on NY leg
-	ums	ŧ	(m.)	0 10	. 000	000000 000000	0000 0000		0000		0 100 0 100	30.0	0 1 1	8850 6000	- 13-14 0000		14044 6000		2220 2220
	and visibility minimums	Night	(£)	8×8	. ii 888√	r, r, 888888			8888	SYY ZZ	48488 28488	8×8	ezzz Zzz	4444 48888	8888		8558	zzzz zzzz	8238
	ristbili	Þ	Vis (mi								40 100 100 100	2 :0	-4414 -000		2000	200		61 .00	2000
	Colling and	Day	## ##	3,000 NAN	8884 8884	388888		888	8888	288	- 4 4- 88488	§ × §	« «	 EEEEE	8698	888	-444 8888	8788 8788	2222 2222
				R¦∞<	EKO.	イモドロイモ	HB석단	XB	-H04	-# <i< td=""><td>H#646</td><td>₩</td><td>÷#∞<8</td><td>H#∞<h< td=""><td>#64#</td><td>K az∢</td><td>644E</td><td>#24€</td><td>##<#</td></h<></td></i<>	H#646	₩	÷#∞<8	H#∞ <h< td=""><td>#64#</td><td>K az∢</td><td>644E</td><td>#24€</td><td>##<#</td></h<>	#64#	K az∢	644E	# 24€	##<#
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L	Stat	Mag	boar	185°	332°	13°	341°	176°	330		3003	270	22	şe	£13	176°	ຄື	88	ž
	Min of	over rango final	appr	7 700′	6, 000'	2, 100	1, 400'	,000	200	I	7,600	4 660,	2,000	0 100'	4,000	£, E00*	:	2,000	1, 200.
		Procedure turn min, at distances from radio range station		19.000 19.000 19.000 19.000 19.000	mi —9 000' W sido NE mi —7 000' E sido S leg mi —7 000' E sido S leg	25 mi -7,000 be side 8 leg 10 mi -2,000 be side 8 leg 10 mi -2,000 be side 8 leg 20 mi -2,000 be side 8 leg 25 mi -2,000 be side 8 leg 25 mi -2,000 be side 8 leg	10 mi.—1 600'N sido E ler. ——1 600'N sido E ler. ——2 000'N sido E ler. —2 000'N sido E ler. —2 mi.—2 000'N sido E ler.		10 mil. 1 000 N elde B 155 10 mil. 1 000 N elde B 155 10 mil. 1 000 N elde B 155 20 mil. 1 000 N elde B 155 21 mil. 1 000 N elde B 155 21 mil. 1 000 N elde B 155	T only to cool	10 ml—8,120' N cide W lc; 15 ml—8,020' N cide W lc; 25 ml—10,000' N cide W lc; 25 ml,—10 050' N cide W lc;		isse 17771 Iddi	10 mil. – 10 ccs. 8 cds. W izi	20 ml - 0 Ge/ 8 cdo 57 les	7164 to Diers Field.) 10 ml — 8 voy Defdo Neg- 10 mil.— 8 voy Defdo Neg- 20 mil.— 8 voy Defdo Neg-	23 ml —3 690' Belde	10 ml — 3,550° H cldo 8 lcs 15 ml — 2,550° H sido 8 lcs 10 ml — 2,550° H sido 8 lcs 25 ml — 2,550° H sido 8 lcs	Afrort to Messa Laka AFF.) 10 ml — 2 000' R 610' SW 1cs 15 ml — 2 000' R 810' SW 1cs 20 ml — 2 000' R 810' SW 1cs 25 ml — 2,000' S 810' SW 1cs
L	F	appr log		Ä	722	το ₂	P		ឝ	z	₽	H	- BW	₽	អ	발	N T	123	plimta SW
		Shuttle		Nono	On 3 leg to 7,000	Nono	Nono.	Nono	On E leg to 1,500' within 25 mi	:	None	None	Nono	Neno	Neno	Fig contact from And	!	None	Fly contact from Ep
)		Min, futtial appr. alt, from the direction and radio fix indicated ,		NE-Min. ourouto alt. E-0,000' (N leg Butto). EW-10,500' (NW log Butto)	W—5,000' (M.RSOdia fango) N—1,000' (Dillon rango) E—Min, onrouto alt, B—7,000' (Idaho Polls rango)	W—Min. enroute bit. NE—Alfin, enroute oil. NE—Alfin, enroute oil. E—Min. onroute oil. B—2,000 (Minnespols range) W—Min. enroute oil.	N—Min, enroute alt. 2-3,000 (Tern Blute nanco) 5-2,000 (W for Blute nanco) W—2,000 (W for Bransville). W—2,000 (WW less Scott with E less St. Louis).	N—1,500 (Orestviow range) E—1,600 (NW fer Tyndeil) E—1,610 enroute alt. V—1,600 (NE leg Pencacola)	E-3,000' (Yuma rango)	***************************************	NE-12660 (W'1;2 Luch). NE-2660 (Octh EM) NE-Min. carouto al. W-11,cay (Battle mountain range) W-7,cay (Cattle Top final. W-Allow (Cathle Top final.	N-Min. chroute alt. L-7,637 (Ephasta range) S-637 (Yoltima range) W-8,637 (Schule range)	NE-3,199 (8 kg Svancuco) SK-3,299 (N kg Svilling-Darw). SK-4,1699 (W kg Svilling-port) NW-3,699 (8 kg Redherer)	N—Min, careato alt. F—Meso (8) fra Acomia) S—Min, careato alt. V—10 cep (Winelovy rango)	N=0 (V (Almary and Mary) N=0 (V (Almary and Mary Equility) N=0 (Sy) (Ealt Fite range), N=0 (M) (House A frontish FAQ final** N=0 (M) (M) (M) (M) N=0 (M) (M) N=0 (M) (M) (M) N=0 ((Make let-down to Anderson Floid., N—now (Manuscano rango)	V—11111 CHORNO DIC.	N—Mile carouto oil. N—Mile carouto oil. 12—5,000 (Brohmo rango). 13—5,000 (Borthagton PM). N—Mile enrouto oil. W—7,000 (Ellonsburg rango).	(Mala let-down to Eph nio Alrport 1) ND-2-260' (SW lef Judislo), B-2,60' (SW lef Judislo), SW-2,60' (IN CR Younestown), SW-2,60' (IN CR Younestown), SW-2,60' (North Springfleid FM) final
		Station		Drummond, Mont: CAA Int Field, ol 4,300	Dubols, Idaho: Dubols Afrport, cl 5,123'	on.: Duluth Afrport,	Efficient, M.: OAA int Field el. 668	Eglin (Valparico), Fla : Eglin Field, el 71,	Contro NA8	el 168, W Va: Elking Airport, el 168	Elic, Nov.: Elico Alipart, el. 5 055'	g E	Ž	El Liemo, N. Mich: OAA Int. Field, cl. 7,114' El Fielo, Tick:	l	Diggs Wold, ch. 3,037 Lingle N. Mex : OAA int. Field, el 4,803	Enterpris, Viab: OAA int Field, el, 6 204 Epbroto, Wesh.;		Erio Più Pent Frio el 735

TANA							KOI	E2 WIAD	REGULA	1110113					
	If yishin contact not estab- lished over airport at authorized landing min- funms, or if landing not	accomplished—	(Boing rovised)	Olimb to 2 000 on S leg	Climb to 3 000 on N log with in 26 mi.	(Boing rovisod.)	(Beingrevised)	Olimb to 2 600' on W leg	Olimb to 2 600' on B leg.	Olimb to 1,50% on NW leg within 25 mi.	Turn N and climb to 10,000° on Eleg. "If procedure turn is accomplished beyond 10 mi, altitude on final appreach is 8 000°	Olimb to 1 200 on NE lez.	Climb to 2 300' on NE leg.	Olimb to 2 ook on S les.	Climb to 2 GOT on N lez.
im3	يد	Vis.			200000	1311	155	120	120	4484 0000	0000. 0000	0000	0000 1001	4444	
Celling and visibility minimum	Night	Cett (tt)	888		200000	1 8888	11 5000 5000	8888	8888	1 88888 8888	1 30000 30000	8888	1 88888 8888	8888	
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Sett			ಚ∞≺	(F) (E) (S)	4EB&4E+	ু দত বন	보수단	まへま	검석단	Hode	#84£	#¤4H	#ø4H	स्थर स्थर	
or to		(mi)	44 73	5,7	e 1	69 69	2,4	6 0	West T	17	4.	9 ဗ	င်	4	6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Station to airport		bear	150	171	330°	210°	225°	263°	83 3.9 from West Fargo FM	292°	228°	Š	510	177°	357° 2.9 From Fort Worth LFM
	over range			1 300	1 400			1 600	1,700 over W Fargo FM	2008	*7 600	700,	1 400'	1,400	1, ESC Fort Worth LEE
	Procedure turn min. at distances from radio range station				25 mi — 1 900 W side N leg 10 mi — 1 600 W side S leg 15 mi — 1 600 W side S leg 20 mi — 2 600 W side S leg 25 mi — 2 600 W side S leg	1	•	10 ml —2 100 N sido E log 15 mi —2 200 N sido E log 20 ml —2 300 N sido E log 26 ml —2 400 N sido E log	10 mi —2 200' S side W leg 15 mi —2 200 S side W leg 20 mi —2 200 S side W leg 25 mi —2 300 S side W leg	10 mi — 200° N side SE leg 16 mi — 200° N side SE leg. 20 mi — 200° N side SE leg. 26 mi — 200° N side SE leg.	10 mi —8 600′ N side E 4cz 15 mi —9 000′ N side E 1eg; 20 mi —9 000′ N side E 1eg; 25 mi —9 000′ N side E 1eg;	2222 2222 2222 2222	Buckingbur Field 10 mi.—1 800'S side SW leg- 10 mi.—1 800'S side SW leg- 20 mi.—1 800'S side SW leg- 25 mi.—1 800'S side SW leg-	10 ml.—2 000′ W side N lez 15 ml.—2,000′ W side N lez. 20 ml.—2,000′ W side N lez. 25 ml.—2 000′ W side N lez.	10 mi - 2 000' B side S lez 16 mi - 2,000' B side S lez 20 mi - 2,000' B side S lez 23 mi - 2,000' B side S lez
	Final appr leg)	z	z	6 2	A Z		A	≱	38 31 31 31 31 31 31 31 31 31 31 31 31 31	闰	SW	SW SW	Z	ω
	Shuttle			None	None	ı	···	None	None	None	None - ;	None	Fly contact from Page Field None	None	Nons
	Min, initial appr. alt. from the direction and radio fix indicated			N-1,900' (Terre Haute range) E-2,000' (Louisville range). 8-2,000' (NW leg Nashville)	W—2,000' (8 leg Effingham), N—4,000' (Bollingham rango) N—4,000' (Bollingham rango) N—5,000' (Seator) all E—2,000' (NE leg Seattle) S—5,000' (Neatile rango) W—MIn. enronto all enrolto enro	W—2 000' (NW leg Seattle)	(tvo procedure approved)	E—Min, enroute alt. BE—2 800' (Alexandria range) BE—2 800' (Barnesville FM), W—2 800' (Barnesville FM), W—2,200 (Wheatland FM),	N—2,100' (Chrad Forks range) E—Min euroube alt. SE—2 800' (Alexandria range) SE—2,300 (Barnesvilla FM), W—2 500' (Jamestown range), W—1,700 (Wheetland FM), final	NE—1,300′ (S leg Pope). NE—1,300′ (S leg Pope). SE—1,200′ (N leg Rope). SW—1,600′ (N leg Golumbia) NW—MMin, enroute alt,	(See Alex No. 7.15) N=12 000' (Malad Olty range) N=10 000' (Be g Mana City). E=10 000' (Rock Springs range) S=Min, enroute ali: (W-22,000' (Ogean range)	NE—Min. enroute alt. SE—1 20V (W leg Miam) SW—Min. enroute alt. NW—1,200 (S leg Tampa).	(Marso let-cown to Page Field. Fly or NE—2,300 (E leg Gesben) — SW—2,400 (Dayton rauge) SW—2,400 (S leg Gesben) SW—1,400 (Marsle FM) final NW—2,500 (E leg Gesben)	N-2 600' (S leg Oklahoma City) N-1,400' (Heslett FM) final. E-2,500' (N leg Dalles). S-2,600' (NW leg Weso).	W-2,10V (Westbeford R.D.), N-2,00V (S leg Oblishons Oity) S-2,00V (N leg Dollish), S-2,00V (N leg Dollish), S-1,00V (leshan R.D.) lima, W-2,00V (N leshan R.D.) lima,
	Station		Eugene, Oreg.; Mahlon Sweet Air port, el 365'	Evansville, Ind : Evansville Air port of 383'	Everott, Wash : Paino Fiold ol 602'	; ;		Engly 1 Das : Rugo Anport of 899: Procedure No 1	Procedure No 2	nce Akport	o: GAA Int		Held, el. 25	1	Procedure No 2

E	rta	ay,	Mar ar	cn 19, 1	948	S				re	deilal i	REGIS	TELL								1433
	If when to an and and and	listed over afroot at authorized landing min.	accomplished—	Olimb to 2,000' on W leg within 26 mi	,	Olimb to 4,700' on 8W leg	Olimb to 1 350 on SE leg	Make 45° right turn and climb to 4,000' on 8 kg	Olimb to 4 000 on 8 leg with in 25 mi	If not contact over range, climb to 6 000 cm E leg	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Olimb to 2,763' on 8 lez	If not centret over range climb to 2000 on SE leg 1,520' terrain 6 mi NW	Ollmb to 2,28% en E kg	Climb to 2,165' on N kg	Olimb to 3,233' on S kg with in 23 mi	Climb to 2,WF on B lex	Olimb to 1,600' en NW kg	(Being roviced)	Olimb to 2 600 on SW leg	(Belng raviera)
	i 1		(mig.	660			2000000	9000	0220		2000000 0000000	200	3-886 30000	20	20000	inn (200000	±0.	7 :	200000
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	risibili		(Fig.	884 000			200000		0200						3444C			, 202000	=====================================	2 =	204000
	Ing and v	Day	Cen (ft.)	9888 8888		888		888	888	<u> </u>	eree:	885	. <u> </u>	88	<u> </u>	888≥	[33 2	<u> </u>	388	SZ.	
	8			라스타		rin-	キャネゥ イモ	#324	## #	(643 -	くちれらくち	ದ ∞<	:E#<6	gs.	<6# 2 5	(- # = -	<€# ø -	くこれらくこ	Kæf	H2:	く もおかくき
	ort ort	Dist	(mi)	0.0		2 1	23	7 3	3 7	40	30	31	:3 :1	2.7	7	e =	33	9.0	1 2	1 6	10
	State			23°		224°	125°	1322	168°	166°	140°	1723	135	હે	SES.	2	1100	ಯಿ	170	3410	દા
	Min.alt			800%		3, 100	200,	3,500,	3 500	1,000,	1,400	1,500,	1,8%	1,633,	1,500	2,460,	1. 18	1,000		3 AFF.) 1, 500'	
	Final Procedure turn min. at distances ratio final from radio balgo station final final form radio balgo station final final form final final form final final form final fina			10 ml —1,500° W sida BD log 15 ml —1,500° W sida BD log 20 ml —1,500° W sida SD log 25 ml —1,500° W sida SD log	sano Chandler Fle	13.000 13.0000 13.000 13.000 13.000 13.000 13.000 13.000 13.000 13.000 13.0000 13.000 13.000 13.000 13.000 13.000 13.000 13.000 13.000 13.0000 13.000 13.000 13.000 13.000 13.000 13.000 13.000 13.000 13.0000 13.000 13.000 13.000 13.000 13.000 13.000 13.000 13.000 13.0000 13.0000 13.000 13.000 13.000 13.000 13.000 13.000 13.000 13.000 13.0000 13.000 13.000 13.000 13.000 13.000 13.000 13.000 13.000 13.0000 13.000 13.000 13.000 13.000 13.000 13.000 13.000 13.000 13.0000 13.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000	200, N. 200, N	SSS TTT TTT	8888 1111	888 777 EEE	22 ml — 605 V 505	m -2 600 W 6140 N 151	25 mil – 2 ccy W ctdo N ight	10 mi - 2 leg 8 cdo W leg	22 mil. 7.2 mg school sign	12 m 2	25 100 V 100 V 155 V 100	200		1 Great Palls Mim, Airport to Great Palls 10 ml = 2,300° N side NE leg 15 ml = 2,300 N side NE leg	25 mt — 2309' N sido NE leg
		Fina	2	88	m Kr	Z	M N	z	z	Þ	N N	z	Z Z	≥	وي وي	z	₽	83 E3		M SE	
		Shuttle		On W or SW logs to 2,000' within 25 mi	eld Fly contact from	None	Nono	None	None	None	None	None	:	None	Nene	Neno	None	Nerso	1	Airport Fly contact	
	Min, initial appr. alt, from the direction and radio fix indicated		NF—Min, enroute alt. SE—2200 (Dateselled rango) SW—Min, enroute alt. W—6,000 (VIE let Salings).	W=Z,000 (Los Banes E.M.). (Male let down to Fresno-Ohandler F.	NE—3,600 (S leg flutchinson) SF—3,600 (W leg Oklahoma Oity) RW—3,000 (A marking oklahoma Oity)	NW—Min encoute alt NE—Min encoute alt BE—Min encoute alt BE—Min, encoute alt, BW—Min, encoute alt, BW—Min, encoute alt,	N—Min. cnrouto alt. E—1,000 (Hutchinson rango) S—Min. ongouto alt.	N—5,007 (1.5 Juna rango) N—Min. enrouto alt.	W-5,600' (La Junia rango) N-5,009' (W 1:g Phoenix) E-5,009' (8 1:g Phoenix)	N—4,500 (Vama rango) NE—Min, envento and NE—Min, envento and NE—2,200 (NB kg Onlearo). SW—2,200 (RB kg Reficiend) NW—Min, enrento ale	(No precedure appreaced.) N=2 cos (W kr; Leateville) N=2 cos (N kr; Leateville) N=2 cos (N kr; Leateville).	W—Min. (mrauf) alt. NL—Jojo-(two Vica Wechington) BL—Min. enrouto alt. SW—3 £92 (two Vica Richmond)	N-2107 (E) The Bonth Bend). B-2765 (NW 1978, Woyne)	W—2,169 (8 tes Bouth Bend) N—2,169 (Rembins rangs) — 2,169 (Rembins rangs) S—2,167 (Remon rangs)	W—Min corationit, N—Min carattenit, N—Min carattenit 1—2007 (N 157 Lincoln)	W.—4.m. (18 in North Platte) N.—Min, curvito oft. V.—2.m. (6W in Fault Sic. Marto)	V—2.6.9 (16.17) Inches C. (19.17) V—2.6.9 (19.	(attraction (attraction in the	(Moko let-dovyn to Great Folls Mim NE-2,300' (Blackstone range) SE-X (In. emegato alt.	NW-7,000' (Pulaski pango)	
	Station — Miso		Freeno, Calif.: Freeno Chandler Afrort, el 289'	Front Boys Vo	Gage Okla : Gage Airport el 2,223'	ı Afrport	Garden Olfy AFF, of 2 891'	Gorden Oity Airport: el 2,841'	Oils Bend Arfz: Oils Bend AFF, cl 833'.	ΔB, cl	Godman (Feet Knox), Ky: God man Field, el 740'	ੜੰ	Gathen, Ind : Gethen Wirpert, el	Orand Ferks, N. D : Orand Ferks Alepert, of Egg	Omnd Eland, Nobr.: Grand Island	Grand Marals, Mich.: Grand Maraja Airpart, el 8197	Grand Rapids, Mich : Kent Co Alreath el Cil'		Great Falls AFE, el. 2,485' Greensbore, N. G.: Greensbore High Point Airport el 905'	Greenville, S. C.; Greenville Air port, el 1015	

143									RUL	ES A	ND R	EGl	JLATIO	N5						
	If visual contact not estub- lished over airport at	authorized landing min imums, or if landing not	accomplished—	Climb to 1 600' on E leg with in 25 ml	Olimb to 1,600 on W leg within 25 mi	Olimb to 2 500 on N leg	(Boing rovised)	(Being revised)	(Being revised)	Olimb to 4 600' on E leg.	(Boing revised)	(Being revised)	Olimb to 1400 on E leg	(Being revised.)	Olimb to 1 600' on NW leg.	Olimb to 2 600' on E 19g.	Climb to 3 000' on NE leg	Cilmb to 3 GO' on N lez with in 25 mi.	Climb to 2 800' on S leg.	Climb to 7,600 on SW leg.
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ominial military Enonglish		Night	Ce (1)	1 200	8888	8888	88888	88	1 888888 88888		88888		1 88888	1 8888 8888	1 28888 8888	AN AA	ZX8888	388		E 458
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line on d	nme ama	Day	Cell (ft.)	1 500	5888		38888		388888		22233		1 2000 3000 3000 3000 3000 3000 3000 300	1 88 88 88 88 88	1 88888 8888	000	588888 8888888	888		8×858
1	3			목岛本	E-140<	[4644	β‡α-	455045	₩.	45445		ದ∞∢ಕ	まるなま	ROAE	് പ്ര	4554045	¤∞∢	e	₩a4fi
on to	ör	Dist	(m)	3.9	1.9	4 0	11	23	,C2 44	2,	19	_	5 5	3.1	61 61	23	2.7	3 1	හ සේ	4 9
Statie	afa	Mag	bear	82,	265°	352°	118°	323	4	SS.	262		.28	195°	803	750	440	320°	Š	1920
	Min.alt			2000	08	1 100				3 900			800,		700,	1,600	2 000,	2 300	2,300	5,800
	Final Procedure turn min. at distances over from radio range station final from radio range station final from the range from radio range station from radio range station from from radio range station from from from from from from from from			2000 2000 777 888	25 ml - 1 600 S sido W log 10 ml - 1 600' N sido E leg 15 ml - 1 600' N sido E leg 20 ml - 1 600' N sido E leg		7 000 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	•		10 ml -4 500' S sido W log	ni —4 500' 8 side W		to Los County, Arronce, 10 mf – 1200's Side W leg 115 mf – 1200's Side W leg 20 mi – 1,200 side W leg 25 mi – 1,200 side W leg.	ı	10 ml —1 100′ W side SE leg. 15 ml —1,100′ W side SE leg. 20 ml.—1 100′ W side SE leg. 25 ml.—1 100′ W side SE leg.	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	-2 100 S S S S S S S S S S S S S S S S S S	555 777		
	Fins	appr		≱	P	5 2		····		ago area W		1	4¥ ************************************		3BE	uston W	MS	ĽΩ	Þ	E E
	Š	Shuttle		None	None	None		••		None			None	-•	None	Fly contact from Hou	None	None	None	Nons
	Min initial appr. alt. from tho direction and radio fix indicated		N-1,300 (Momphis rango) E-Min. enrouto alt. S-1,700' (Jackson range)	W—Min. enroute alt. N—1,300' (Memphis range) E—Min. enroute alt. S—1,700' (Jackson range)	W—Min. onroute alt. N—2 500' (W leg Concord) E—2,000' (W leg Boston) E—3,000' (W leg Boston)	W—3 600' (W log Boston)			N—4 500 (W leg North Platto) E—4500 (S leg North Platto)			(Anales let down to Hobbs Ar.F. Fly contact from Hobbs NE—1,400° (Minnt) Rango). Ne—1,400° (Minnt) Rango). Ne—1,400° (Bigg Minnt). Ne—1,400° (Bigg West) Ne—Min, enroute alt. 3.	(No procedure approved.)	E-1,000 (Beaumont Range). SE-1,300 (SW leg Galveston) SE-700 (Wobster FM), Inni, SW-1 600 (SW leg Richmond) SW-1,200 (Kreols FM)	N.W.—1,300 (Houston LFM). (Mase let-Cown to Houston Airport. E.—2,000 (W leg Charleston) SE—4,000 (8 leg Charleston)	W—Min. enroute alt. NW—2, 500′ (S leg. Columbus). NE—3,000′ (Watertown range) SE—3,000′ (Shour Falls range) SW—Min. enroute alt. NW—Min. enroute alt.	N-Min. enroute alt E,700 (N leg Wichits). S, 800 (SW leg Wichits).	W—4,000' (Garden City range) N—Min. enroute alt. E—2,809' (N leg Wichita).	N-4.00 (Gurden City range) NE-4.00 (Gurden City range) NE-8.00 (Eleg Dubols) SE-Min curvute cit SW-7.00 (Fecatelo range) NW-5.00 (Fecatelo range) NW-5.00 (N leg Fecatelo)	
	Station Min			Greenwood, Miss.: Greenwood Airport el 162	Greenwood Mun Airport el	Gronier (Manchester) N H: Grenier Floid al 230'	Harrisburg, Po.; Harrisburg State Atroort el 344'	Hartford, Conn.: Brainard Alrport el 18	Rentschler Ffeld ol 45'	Hayes Center, Nobr: OAA Int Field el 3074'	Helena, Mont : Helena Airport el 3 882'	Hobbs AFF el. 3,707.	Homestead, Fig. : Homestead Mun Airport of 7: Homestead Mun Househton Mich	Houlton, Maine: Houlton Airport el 493'	Houston Airport, el 60'	Ellington Field, el 39 Huntington, W. Va: Huntington Airport el 660	⇔	Hutchinson, Kans.: Butchinson Airport el. 1 522	Hutchinson-Skyranch Airport	Idaho Folis, Idaho: Idaho Felis Algort, el. 4,737

F	rida <u>j</u>	y, M	<i>larch</i>	. 19 , 1948				FEDER	AL R	EGIS	TER					1435
		lished over alreort at authorized landing min- finums, or if landing not		Climb to 2 400 on B log	Oilmb to 2 000' on 8 log	Olimb to 1 600' on S leg	Olimb to 1 200' on W leg		Olimb to 3,46% on W leg 1725, two 76 ml. 88W 1659, stocks 34 ml. 8W	1,629 stocks 254 ml S. Olimb to 2,039 on SW leg within 25 ml	Olimb to 2,600' on 8 lcz	Immediately makorifut turn and elimb to 270° ca. SVV iez, Ctm. 813° iez is over Kanza Glty, 1,609° obet, in eftey-athero etrictly to procedure.	Immediately makeright turn and climb to 229° en siv kg. Clin BD kg is over Kanga Cliy, 1,50° obt., in cliy—adhere siricily to procedure.	Climb to 1,600 on SW kg.	Olimb to 1,400' on E course	Olimb to 1,400' on E course
	èui	/ دد	(mi)	HUBH 2000	320 000	02000	2000		200	0	3:::::-::::::::::::::::::::::::::::	2000	# '6# 00 :	2200 2200	2200	2200
	Calling and visibility minimums	Night	C Coll	1 200		<u>ફુંફુંફુંફું</u>	3888		888	SZ	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	<u> </u>	8 X 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2558 2558	5888	2823
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	ng and v	Day	Coll (tt)	2220	1 890	<u> </u>	\$388 1	3	7 358	ŠX.	388888 3888888	8888 -	<u>8</u> ≨§8	2328 2428	2328 23288	8333
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	tation to airport	15		61	2.0	2.4	1.7		1.5	8.7	2	2.0	8	64	± 13	12 20
	Static		bear	750	180°	173°	269°	_	2330	120°	173	145°	145°	ê E	ê	55
	Min. alt	over rango final		1, 500′	1 500	1, 200	009	OGAB.)	2,100	1,400	1 660	8 -	1,66	1,000*	£003	,003
		Proceduro turn min, at distances from radio range station		10 ml —2 000 S sldo W log . 15 ml —2 000 S sldo W log 20 ml —2 000 S sldo W log 25 ml —2 000 S sldo W log 25 ml —2 000 S sldo W log polis Afrport to Stout Fiold)	mi —1 800 W sido N mi —1 800 W sido N mi —1 800 W sido N	25 ml -1,800 W sido N leg 10 ml -1,700 W sido N leg 20 ml -1,700 W sido N leg 20 ml -1,700 W sido N leg 25 ml -1,700 W sido N leg	10 ml — 1,100 N sido B leg 16 ml — 1,100 N sido B leg 25 ml — 1,100 N sido B leg 25 ml — 1,100 N sido B leg 27 ml — 1,00 N sido B leg	cell NAAB. Se NAAB) Mayport (nceron vinc	25 mi.—2,659° N eldo B leg 10 mi —1 995° S eldo W leg 15 mi —1,990° S eldo W leg	22 min 1 200 8 stude W less 22 min 1 200 8 stude W less 10 min 1 200 W stude W less 23 min 2 500 W stude W less 23 min 2 500 W stude W less 23 min 2 500 W stude W less 25 min 2 500 W less	10 ml 2,200 B cido NW lcr 20 ml 2,600 B cido NW lcr 25 ml 2,600 B cido NW lcr 25 ml 2,600 B cido NW lcr	10 ml.—2 230' B cldo NW leg 15 ml.—2 450' 15 sldo NW leg 25 ml.—2 400' B sldo NW leg 25 ml.—2 400' B sldo NW leg	TITIES (to dulipote Airpote) 10 ml = 1,300° B sido W leg 115 ml = 1,300° B sido W leg 25 ml = 1,500° B sido W leg 25 ml = 1,500° B sido W leg	mi.—1,300' B side W mi.—1,300' B side W mi.—1,300' B side W
		Final appr leg		y Ye	z	z	Ħ	on John John John John John John John Jo	i i i	×	z	WW	NW		Ploi ≯	≱
0		Shuttlo I		None Fly contact from Ind	None	None	None	tNo 1 Fly contacti tNo 1 Fly contacti tNo 1 Fly contacti	None	None	Nono	Neno	None	None Fly contact from Keesler	Fly contact from Acceler None	Nono
		Min, initial apprall, from the direction and radio fix indicated		E—2,409' (NW leg Clinchmati) B—2,200' (Loulsallia rango), W—2,000' (Tecro Hauto rango), W—1,00' (drecnessite Pkh) final NW—2,100' (O'R leg Laftystic) (Make lot-down to Indianapolis Alrport	(No procedure approved) (No procedure approved) (old, N-Min. enroule alt	1W-1,500' (Microphila range), 1M-1,700' (Greenwood range), 1B-1,700' (Mordilan range), 1B-1,500' (Mow Orleans range) 1W-1,600' (Momroo range)	Na—Min. enrouto alt. Na—1,200' (Brunswick Non-directional Radio Besconto alt.		Air National State Author Manager State St	W=3,469' (Blemarck range) NE-1,590 (SW leg Ohleago) - E-2,599' (N leg Harvey).	31' W—1.00' (N IC; Peerla) 31' W—1.00' (N IC; Peerla) 31' N—2.00' (N IC; Peerla) 31' N—1.00' (Elic Obnatio), lind. 11-2.00' (SW) IC; Springle(d) 8-2.00' (SW) IC; Springle(d) W—2.00' (SR) IC; Obnatio)	NE-2,50 (Ethyollo rango) 8,250 (Net Columbia) NI-2,250 (Net Columbia) NI-2,250 (Net Start) NI-2,250 (Net Start) NIW-2,00 (Net Start) NIW-2,00 (Net Start)	NYE-2 '09' (KithSyllie rango) NE-2 '09' (KithSyllie rango) NE-2 '09' (KithSyllie rango) NE-2 '09' (No course Columbia) SW-2 '09' (S fer St Joseph SW-2, 200' (B fer St Joseph SW-2, 400' (Bt. Joseph rango) NW-2,000 (Linkyllie Pk) final	NE—1,600 (NW leg Yenzoola) 810—1,607 (W leg Yenzoola) 810—Min. en roule alt. NW—Min. en roule alt. of (Kaka lee-down to Keesler Field Fig.	-	W—Min en route alt N—Min en route alt E—Min en route alt W—Min, en route alt,

Fairfax Field, el 746'

Key West NAB, ol 6'

Coast Guard Reaplano Base, el B. L. Gullport Airport, el 37' ... Roy West, Fla.: Meacham Fleid, el 4'

Keesler (Biloxp, Miss.: Ressler Biold, el 25'

Joylla, Mo : Joylla Airport, el 631"

Kanna City, Mo.: Kanna City Airport, el 74"

Jollet, Ill :Jollet Airport el 530'---

Indianapolis, Ind.: Indianapolis Airport, ol 796

Stout Field, of 714
Indo, Calif.
Insoken, Calif.: Insoken NAF.
Jacks Ovck, Tonn : OAA Int Field, E

Jacksonville, Fla.: Jacksonville Airport: No 1, el 52'

Jackson, Miss : Unwkins Fleid, ol 343'

Station

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	If visual contact not estab- lished over airport at authorized landing min imums, or if landing not	accomplished—	Climb to 2 500 on NW courso	Turn left and climb to 10 000 on S crs within 15 mi 6 800 terrain on S leg 20 mi, out. 6,300', torrain 6 mi E of S	Turn right and climb to 4,000 on W course within 25 mi	Olimb to 2 500 on SE bez	Climb to 2 500 on BE leg	Climb to 1,900 on NE leg. 900' stacks 15 mi NE of arpt (Being rowlead)	Olimb to 1300' on N courso within 25 ml	Olimb to 1 250 on N side E leg	Olimb to 2 200' on W leg	Olimb to 11 500 on SE course	Climb to 2 the on SE lez	Climb to 9 560' on NE leg	(Being rovised)	Climb to 2 Make all	
g mus	1¢	Vis. (mi)		44 144 00 100	1 181 00 6		2000 2000 2000	H22H 000G	HH8H 0000	H28H 0000		-4-6-0 -6-0 -6-6-0 -6	1311 1005 1005	8 188	0000	, m in 6	44 64
y minim	Night	Cell (ft)	1 NA 50	11 887 884 884 884	5 ^X 88	888	\$6888	1, 2007 3008 3008	1 2000 3000 3000	1 8888	1 888 888	# # # # # # # # # # # # # # # # # # #	교 종종동왕	1, 2, 2, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3,	1,88	3888	සුමු මුදු
fsibilit	C ₂	Vis (mi)		H2: H2 00: 00	131 1		0000	HH8H 0000	H484 8000	нныц 2000			1227	2 :00		3446 3446	
Colling and Visibility minimums	C ^{su} Q	Cell (ft)	1 848 848	11 12 887 288 887 888	1 887 887 987 987	388	- - - - - - - - - - - - - - - - - - -	# 5588	1 860 800 800 1	_8888 _8888	888	, , , , , , ,	8888	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		3 3 35	
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Station to airport	1	E E	6 0	7	8	75 23	8	2 4	22	8 8	3.0	22 -	3.1	e H	89 89	ee ee	0 0
Stati airi] ;	Mag bear	320°	342°	192	138°	127	ŝ	340	103°	°082	137°	137°	% ₁₇	%	ដ	330
	Min alt over range	appr	1 600	6 500°	2 000	1 800	1 800	1 300	8	760'	1 700'	8 000,	1 200'	3 400	ı	1,000	1 7007
	Procedure turn min, at distances from radio range station			දිදි	10 ml3 000 E sido N leg 16 ml3,000' E sido N leg 20 ml3 000' E sido N leg 25 ml3 000 E sido N leg	888	82228	25 mi.—2 500° w side. NW log 10 mi.—1 800° S side SW log 20 mi.—1 800° S side SW log 25 mi.—1 800° S side SW log	10 mi – 1 200' E sido S les 16 mi – 1 200' E sido S les 20 mi – 1 200 E sido S les 25 mi – 1 200 E sido S les 1 mi – 1 200 E sido S les	10 mi – 1 250 S sido W log 15 mi – 1 250 S sido W log 20 mi – 1 220' S sido W log 25 mi, – 1 220' S sido W log	言言言	នឧដឧដ	10 ml.—1,700° W side NW 16 ml.—1 700° W side NW 20 ml.—1 700° W side NW 25 ml.—1 700° W side NW	10 mi.—5 000° 8 sido 8W lez 15 mi.—5 000° 8 sido 8W lez 20 mi.—7,000° 8 sido 8W les. 25 mi.—10,000° 8 sido 8W les.	SAFF to Sky Haven Airport)	12 H 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	23 ml.—1 700 E sida SW lezt 10 ml.—2,200 E sida SB lest 20 ml.—2,200 E sida SB lest 21 ml.—2,200 E sida SB lest
	Final appr	3	E 8	100	z	NA.	MN	BW	<u>π</u>	₽	1	A N	A Y	SW	Vegas	SW	E E
	Shuttle	`	None .	Nono	None	None	None	None	None	None	None	Мопе	None	On NE and SW legs to 7,000' within 20 mi	Fly contact from Les	None	Nonc
	" Min, initial appr. alt. from the direction and radio fix indicated	٠	NE—2,000' (Burlington rango) SE—Min. on routo alt. SW—2,300' (Eansas Clip rango)	NW—2,600 (8 leg Des Moines) N—10,600' (Redamond rango) E—Min, on route alt, 8—10,000' (Whitmore rango) W—10 000' (8 leg Medford)	NE—5 000' (Trl-City range) : NE—4,000' (Filodmont FM) S—Min. on route alt. S—3,500' (Taliassee FM), V—4,500' (Enithville range) V—3,000' (Enithville range) V—A,100' (Kingston Int.)	NE—Min enroute alt SE—2,500' (Lone Rock range) SW? fool' (S low Rochester)	NW—2,600 (E log Rochester) NE—Min enroute alt. SE—2,600 (Lono Rock rango) SW—2,600 (G log Rochester)	NW—2.600 (E 10g Aconestor) NE—1,800 (E 10g Goshen) SE—2,000 (Indianapolis rango) SW—1,800 (E 10g Ohanuto) NW—1,800 (NE 10g Ohanuto)	N-1 600 (Shrovoport rango). N-1 200 (SW log Alexandria) D-1,000 (New Orleans rango) E-Min, enroute alt. E-1,200 (SW log Baten Rouge) W-1,300 (Beaumont range)	(No procedure approved) N—1,600 (SW log Patuxent River) E—1,200 (NE leg Norfolk) E—1,600 (SW leg Norfolk), W—1,200 (SE leg Richmond),	W—760′ (NW 10g Norfolk) final E=2,200′ (M log Romulus) BE=2,200′ (W log Romulus). W—2,200′ (Grand Rapids rango).	NW—2,200' (NE leg Grand Rapids) NE—10,500' (N leg Choyenno) SE—11,500' (N leg Denver) SW—Min. enrouba alt. NW—12 000' (Sinclair rango).	N W—U,GUG (140 KHYGE INT) N—2,000 (S:n Antonio range). SE—2,000 (W leg Brownsville). SW—Min, enroute alt. N W—Min caroute alt.	NE—5,600 (Enterprise rause) SE—8,000 (Nigs Needles). SW—10,000 (Silver Lake range) NW—Min. eurouke alk.	(Make let-down to Los Vegas AFF	NE—Min. enroute alt	NW-2,660 (E) leg Maxwell) NE-2,600 (S) leg Chantel SE-2,600 (N leg Chantel SW-3,000 (Wichits rango, NW-2,000 (SW leg Topoliz)
	Station		Kirksville Mo: Kirksville Airport, cl 970'	Klamath Folls, Oreg.: Klamath Falls Airport el 4 685'	lyson	La Grosso, Wis.: La Grosso Airport ej As3	CAA Int Field el 667'	Lalayotto Ind.: Purdue University Aliport of 605' La Innta Colo: La Innta AFF is	; 꽃	Langloy Va: Langloy Field of 10'	Lansing, Mich: Capitol City Air port el 857	Lanmie, Wyo: Bres Field el.	™	Les Vegas, Nev.: Les Vegas AFF el 1890'	Say Haven Airport, el. 2.300'. Les Verss, N. Biex.: Les Verss Airport, el. 6,857'	Lawson (Columbus) Ga.: Lawson Field el 232'	Lebo, Kans.: CAA Int Field el.

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	If visual contact not estab lished over airport at authorized landing min futures, or if landing not	accomplished—	Turn right and olimb to 6,000' on W leg within 25 mi	Olimb to 2,500' on S courso within 25 mi	Olimb to 2,100° on NW leg vithin 26 mi.	Olimb to 2,500' on E fcz	(Being roviced)	(Belng royleed)	*		Climb to 2000 on W leg 1,430 tvn. en Neldo E leg, 12 mi from rango.	Olimb to 2,000' on W course	(Being rovieed)	Climb to 4,460' on S leg with in 25 mi	If not contact over range, climb to 9,000' on 8 leg vithin 16 mi. «Make shuttle turns on 8 sido B	(Belingrovteed)	(Being rovised.)
nums	ht	(mI)	000			4 ·64	4484 0000				# 100 # 100	4444 0000		4-24	d ::::- 0 ::::0	e .	200000
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		boar	°06	170°	313	83	203°	24%			ŝ:	332		ន្ទ	166°	55	ရို ————
	Min alt over range final	appr	5 000	1 900'	800,	2,014′			æ	t.) Jirpart.)	1 493'	1,400'		4, 160	°, 000		ŀ
	Procedure turn min. at distances from radio range station		10 mi — 0 000 S sido W leg 15 mi — 0 000 S sido W leg 20 mi — 6 000 S sido W leg 25 mi — 0 000 S sido W leg	-2,500' W side N -2,500' W side N	25 mi.—2 800' W sido N leg. 10 mi.—1 300 E sido SE leg. 10 mi.—1 300 E sido SE leg. 26 mi.—1 300 E sido SE leg. 26 mi.—1 300 E sido SE leg.	10 mi —2 200' S aido W leg 16 mi —2 300' S aido W leg 20 mi —2 500' S sido W leg 20-mi —2 600' S sido W leg		Beach Airport to Los Alamitos NAAB)	Los Angeles Airport to Compton Central Airport)	Fig contact from Los Angeles Alepset to Culver City Alepset.) Fig contact from Los Angeles Alepset to Gardens Valley Alepset.) Fig contact from Los Angeles Alepset to Hawtherns Alepset.) Fig contact from Los Angeles Alepset to Eanles Monles Alepset.) Fig contact from Los Angeles Alepset to Van Nuys Metropolitan Alepset.)	10 ml — 1 000' S salo E kg 15 ml — 2 000 S salo E) kg 20 ml,— 2,000 S salo E) kg 25 ml,— 2,000 S salo E) kg	10 mi — 7 000' R sido El ca 15 mi — 2 000' R sido El ca 20 mi — 2 000' S sido El ca 23 mi — 2,000 S sido El ca		10 ml — 460° W sido N leg 10 ml — 460° W sido N leg 23 ml — 460° W sido N leg 12 ml — 760° W sido N leg 13 ml — 740° W sido N leg			
	Final appr leg	·	≱	z	, E	*		រឺ	ي ير	33333	M	Ħ	_	z {	A Sek A		
	Shuttlo		None	None	None	None	;	rt Fly contact from Long	t Fly contact from		None	Nene		None 	y contact from Lubb On E leg to 8,600' within 16 mi.		
	Min, initial appr. alt. from the direction and radio fix indicated		NE—Min, enroute alt E—8,000' (N log Billings) SW—Min enroute alt. W—9 000' (Great Falls gange).	W-5,000 (Stanford FM), final N-2 500 (W leg Omaha). E-2,500 (SE leg Omaha).	W+5,200 (Grand Jaland range), NE-1,500 (Walnut Ridge range) SE-300 (SW leg Momphis) SE-800 (Keo FM), final, SW-1,700 (Me) Gy Taxarkana)	(No procedure approved) N—Min, erroute alt. E—2,800 (Madison range), SE—3,800 (SW ter Madison) SE—3,800 (SW ter Madison) W—Min, erroute alt. W—Min, erroute alt.	A W-2 wo (La Orozzo rango)	(Make let-down to Long Beach Alryort	(Make let-down to Les Angeles Afryst	(Make let-down to Les Angeles Afroct.	N—Min en reute alt	W—2.007 (Evanyello rango) N—Min, or reute oft. L=2.697 (Huntlington rango). L=1.60 (Excivede FKI), final. S=2.597 (NE Eg Dowling Urce) S=2.097 (Shepherdyylle FM).	W-2,653' (Evanavillo rango)	N—Min en rauta alt E—Min, en rauta alt, S—Min, en rauta alt, N—Min, en rauta alt, (Afaita let slavan fa Lubbort A)	(Mines let-down to Lubbock Al N-Min, en rauto alt E-11,000 (Grden range). B-13,000 (E feg Wendover) W-12,000' (Elko range)	•-	. €
	Btatlon		Lewistown Mont : Lewistown Air port el 4 177'	Lincold, Nobr: Lincoln Airport, ol 1161'	Little Rook Ark : Adams Flold, el 260'	Livingston, Mont. The Fleid, colo Rock, Wis : OAA Int Fleid, cl 714'		Los Alamitos NAAB, et 27' Los Angeles, Calif.: Los Angeles Afrort et 101'	Compton Central Airport,	Cuive City Afront, el. 23' Garden Velley Afront, el to' do danden Velley Afront, el to' Fruta Monles Afront, el. 175' Ven Nuya Metropolitan Afront el 590'.	Louisville, Ky.: Boyman Field, el. 246	Standlford Fleid, el 450	Lovelock, Nov: CAA Int Fleid,	Lubbeck, Tex.: Lubbeck AFF, el 3332' Commercial Airnert, el 3940'	Lubbeck Min. Africat, el. 3237 Lucin, Utan: OAA Int Field, el 4 114	Lynchburg, Va.: Preston Glenn Airport, el 935'	McChord (Theoma), Wash ; Mo- Chord Fleid, ol 226

1400					K	Ores 1	א שאוא	EGULAI	10142							
	If visual contact not estab lished over airport at authorized landing min finums, or if landing not	accomplished—	Climb to 2,000 on SW course Within 25 mi	Olimb to 2 800 on NW leg	(Being rovised) Olimb to 3 600' on NE leg	(Being rovised.) (Being rovised.) (Being rovised.)	Olimb to 1 200 on S leg	Olimb to 1 800' on N log	Olimb to 2,000° on S leg within 25 mi	Olimb to 1,600' on W leg. 370' bldgs S side E leg within 3 mi	Climb to 4,300 on NE leg 2,091 tank within arpt.	bnary, 3,300 twr on NE leg 40 miout. (Being roviecd.)	If not eto over range, turn left and climb to 8,000 on SW leg within 25 mil. High terrain E and W of	olimb to 2 300 on S lez	Climb to 1,50% on SE leg within 25 mi	Climb to 2,599' on N leg within 25 mi.
Sim	#	Wis.	140 174 1;	adaq F-1	1.1	12	100	14464	1.5	1222	10	2000 2000 2000	ર્ગ -		_	
mjuju ć;	Night	C (£)	100	999.1.,		1 000	1 98 18 18 18	1 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	200	1 000	1 000	3888	28 28 1			
isrbilit		Vis (ni)	1331 1000	H-8-1	13: 12: 00: 0	20.0		000000		202000 202000		2000		44	8444 0000	000000
Celling and visibility minimums	Day	25 E E	1 8888	2000 3000 1	1 B00 300 300	1 000	58888	388888	888	1. 888888	8 18	- - - - - - - - - - - - - - - - - - -	388488	88	- 5838	<u> </u>
Cell		`	ಕ್ಷಬಳಕ	#¤석단	はる人で	:#c	4550×	45 w 45	# co ◆	:∺¤∞∢£	— αα<	4E-FR00-	ムホスら 女ホ	#\a	ৰ ব চ ম ম ম	ムモRSAT
or to	1 1	E E	8	2.0	5 0	101 -1.14	23	2 1	2 8	લ	. 80 . 80	2.1	10	1. 6	23	61
Station to airport		bear	246°	314°	35°		1589	356°	154°	270°	\$3 \$3	ŝ	ឧ	232	144	352
	Min. alt		1 000	1 700′	1 500′	1,1	008	,008	1 000	008	3 600	,	6, 100'	1 300	2000	7,330
``	Procedure turn min. at distances from radio range station	-	NE 10 ml -1 500 N sido NE log 16 ml -1,500 N sido NE 20 ml -1,500 N sido NE	port to Robins Field) 10 ml —2 000′ E sido SE leg 15 ml —2 000′ E sido SE leg 20 ml —2 100′ E sido SE leg 25 ml —2 100′ E sido SE leg	Alrport to Jackson Scaplane Base) 7 10 ml — 2 600' E side SW log 15 ml — 2 600 E side SW log 20 ml — 2 600 E side SW log 25 ml — 2 600 E side SW log	;				25 mi — 1 600 W side N log 10 mi — 1 400 N side B log 15 mi — 1 400 N side B log 20 mi — 1 400 N side B log 25 mi — 1 400 N side B log	10 ml.—4,100° 8,8tde SW leg 15 ml.—4,500° 8,8tde SW leg	25 mi —4 500 S sido SW 1cs	10 mi.—8 000 W side SW leg 15 mi.—8 000 W side SW leg 25 mi.—8 600 W side SW leg 25 mi.—8 600 W side SW leg	10 ml.—1,800 N side E leg. 15 ml —2,007 N side E leg.	3222 1144 1111	20 min. 1, 170 W side, NW 162, 25 min. 1, 170 W side, NW 163, 10 min. 1, 170 W side, Sig. 20 min. 1, 170 W side, Sig. 20 min. 1, 170 W side, Sig. 20 min. 20 m
	Final appr leg		T V L	rt Air	adfson SW	4	z	<u> </u>	z	P	SW		SW	Þ	NA.	œ.
	Shuttle	~- ;	Nono Ely contact from Smart	y contact from Sma None	Fly contact from Madison	-1	None	None	None	Мопе	None	1	On SW leg to 8,500' within 25 mi	None	None	None
	Min. initial appr. alt. from the direction and radio fix indicated		NE—Min, on route alt. SE—1,600' (Alma range) SW—Min, on route alt. NW—2,200' (Aldanda range) (Magie lie-down to Smark Alreort	(Wake let gown to smart Airport NE—Min. enroute alt E2_560' (Miwatkee range) SE—Min. enroute alt. SW—240' (NW leg (Rockford) SW—260' (Lone Rock range) NW—Min. enroute alt.	(Make let-down to Madison Alrport No procedure approved) NE-3,600 (8 leg Philipsburg) E-3,000 (Baltimor rango), SW-3,000 (Ffont Royal rango) W-4,000 (8 leg Altoons)), }	N-1,200' (SB leg Orlando) EMill, enroulde alt. B1,200' (N leg W. Palm Besch)	W—Min, enroute alt NE—1,500' (docks Greek range) E—1,300' (dreenwood range) E—800' (Mesbitt FM) final. SW—1,600' (Bleek FM) final. SW—1,600' (Advance range)	NE-2,000 (Birmingbam range) S-Min. enroute alt, W-1,800' (Jackson range)	N—Min en route alt E—Min en route alt E—800' (Minni Bay Shore FM) final SE—1,600' (B leg Ft, Myest), N—1,600' (W Pain Beach range)	N—1 200' (Ft. Lauderdale FM) NE—4,300' (Bis Spring range) SE—Min, en route alt, SW—4,600' (SE lee Wirk).	NW-4,600 (W leg Big Spring)	NE-2,000' (Delta range) SE-Min, en route alt SW-2,000' (SE leg Enterprise) NW-Min enroute alt	N-3 660' (W leg Houlton) E-2,000' (S leg Houlton).	W_GOOV (NAW leg Bangor). NE_Min. ca route alt. SE_Min. en route alt.	NW-1.04 (W les Pulladolph PG) N-Mh. enrolle alt. E-1.07 (Musicon nazz) E-2.07 (NW les Chieson. E-1.07 (Koresto F.M. and W-2.07 (Koresto F.M. and W-2.07 (Goreson F.M.
	Station		1	Madison Afront of 850 Madison Afrort of 850	Malad City, Igano. Malad City, Idaho. Marshall (Ft Riloy), Kans: Marshall (Ft Riloy), Kans: Martinsburg W. Va.: Martinsburg Alrport of 650' Maxwell (Montgomery), Ala:	Demoliy Field, of 210': Procedure No. 2. Medicad, Oreg : Medicad Airport, of 1 329	Melbourne, Fla: Melbourne Eau Gallie Airport el 26	Memphis Tenn: Memphis Air port, ol 209'	Meridian Miss: Koy Field el 297'	Miami Fla.: Miami International AFF el g	Midland, Tex.: Midland Alr Ter minal el 2867'	Miles City, Mont: Miles Oity Afr port of 2 63!	Milford, Utah: Milford Afrport el 5051'	Millinockot, Maine: Millinocket Airport el 40%	Millylle N J: Millylle Airport of §3'	Milwoukee, Wiss: General Mitch

•	, tuu	99 -112	Laren	109 1010													7493
	If visual contact not estab-	lished over airport at authorized landing min- inums, or if landing not	accomplished	Olimb to 2 600' on NW leg 1,360 MSL twr on N leg 10 mi out	Olimb to 3 500 on NW leg within 25 mi, 1,850' MSL twr 2 mi 8 of airport	Turn right and climb to 9,000 on NW leg shuttling within 10 ml or mn 6,000 terain 4 ml 8 of W leg, 10 ml ont	Turn left and climb to 1,000 until E of rng, then climb to 1 500 on E leg	Olimb to 1,400' on BW lc;	Ollmb to 1,300' on BE 1cz.	Climb to 2,003' on E leg of low powered rango which operates on req only. *10 ml. mialmum,	Climb to 1,400 on NE lez within 25 mL	(Being royked.)	(Being roviced.)	(Being revised)	Olimb to 2 000' on W course	Olimb to 1,800 on NW lez within 25 ml	Ollmb to 1,600' on NE leg
	i		Vls. (ml)	_ 4484 5500		00 :00 50 :00	ಗ್ಲಬ್ ಬಾ			1 m 1	220	-ನೆನೆನೆ -ನೆನೆನೆ	ಣಗಣೆ. ೨೦೦೦	9999 9999	2200 2200	2200	2200
.,	y minim	Night	Coll (ft.)	1 888 898 898	1 200	88 ^X 88 88 ^X 88	8888	888	88888	8×88	888	8258	\$528 		3353	3333	8388
١	tsibilit	A	Vls. (mi)	1,00		-0 :00 -0 :00	HEEL 2000			2 .00 2 .01	2000	-444 -000	ಲ್ಲೆಲ್ಲೆ ೨೦೦೦	4-4-	2000	2000 2000	2000
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	Coll			#84E	# 8 4	では84m	# 04#	∺ ∞<	これの人で	まち 人で		F∺ ≈ ⊀	6246	#24	ಜಾನಕ	ಜ್ಞನಚ	224 5
	Station to airport		(in	9 6	e e	H 52	es 	2 2	3	4 8	લ	લં	8.8	ci ci	4 0	ci	<u>*</u>
1			bear	208°	301°	120°	301°	2710	13%	%	ង	ង្ហ	E	95		317°	<u>.</u>
	Min. alt	rango final	appr	1 500	Airport.)	6 200	90	1 200	800	1,469	Ş				1 384	1, 300'	,00S
		Erocodure turn min, at distances from radio rango station		10 ml —2 300V,N side ST5 leg. 15 ml —2 300V N side ST5 leg. 20 ml —2 300V N side ST5 leg. 26 ml —2 300V N side ST5 leg.	namberlain Floid to St. Paul —2,900' E sido SE leg —2 900 E sido SE leg —2 900 E sido SE leg	688888 FILL FILL FILL FILL FILL FILL FILL	ouls Go. Alrport to Hale Field) 10 mi —1 500 Saide Bier 15 mi —1 500 Saide Bier 20 mi —1 500 Saide Bier 20 mi —1 500 Saide Bier 25 mi —1 500 Saide Bier		25 mi — 1,300 N side NE leg. 10 mi — 1,300 N side NW leg. 10 mi — 1,000 W side NW leg. 25 mi — 1,000 W side NW leg. 25 mi — 1,000 N side NW leg.	10 ml -1 00 8 cho W lcc* 15 ml -2 00 8 cho W lcc; 25 ml -2 00 8 cho W lcc; 25 ml -2 00 8 cho W lcc;	10 ml —1,537 Ecide SW leg. 15 ml —1 206 Ecide SW leg. 20 ml —1,537 Ecile SW leg.	25 mt.—1,230' E cido 8W icz.			2222 2222	1500 BIOARS AFRONT TO CONTRIBITE TIEST TO BIN — 1 500° N SIGO BES 107 15 mi — 1 500° N SIGO BES 107 25 mi — 1 500° N SIGO BES 107 25 mi — 1 500° N SIGO BES 107	10 ml — 200 N sido SIV lez 16 ml — 200 N sido SIV lez 20 ml — 1 200 N sido SIV lez 25 ml — 200 N sido SIV lez
	i	appr log		B 日		N N	E PERSON	a.	M.M.	PSS SE	W8				E		811
		Shuttlo		Nono	Field. Fly contact None	None	rt. Fly contact froi None None	Nono	None	None	None	:				oort. 119 contact from	None
		Min. initial appr. alt. from the direction and radio fix indicated		N=2,000 (Duluth rango) SF=2 400 (In the Rochester). SE=1,000 (Instang FM), find SW=2,000 (Short Falls range) SW=2,000 (Journ FM). NW=2,000 (Alexandria range)	(Make let-down to Wold-Chamberlain NE—2,800 (8 leg Rivers) SW—Min. enroute alt.	NW—Min. enroute alt. NW—Min. enroute alt. SE—0,000' (Drumanoad rango) SE—Min. enroute alt. NW—0.000' (Superior rango) NW—0.200' (Alberton FM), final.	(Make let-down to Missoula Go Alrpo NE-1,000 (6E let Hartford) E-Min. enrouto alt. SW-1,000 (6E let Nowark). W-1 500' (8W leg La Guardia)	NE-1,400' (NW log Pencacola) SE-1,200' (SW log Pencacola) RW-1,400' (Receier rang)	NW-1,400 (NE 10; Keczler), NE-1,400 (NW 10; Pencacola) RE-1,500 (SW 10; Pencacola) SW-1,400 (Keczler mngo), NW-1,500 (Keczler mngo).	F. N. A. M. C. M.	ict-down) NE—Min. create alt E—I,tor (dectran range) SW—Min. create alt.	W—1,000' (Shroveport range)		(No accedated althert.)	N-2,600' (8W kg Nashvillo) 8E-2,600' (N kg lifmingham) 8-Min, enrould out. W-2,000' (8 kg led 2 neks).	(Ande fredwith to Atterio Engals Arport. 17) (Ande fredwith the Chand Relation of the RE-Min curoute ait. E-1,000' (Urand Replia mugo) E-1,000' (Alma Replia mugo) W-1,000' (All'mutee ringe)	N.W.—Min. enroute alt E.—Min. enroute alt. B.—Min. enroute alt. B.W.—I, COV. (N leg. Chineleston) N.—I, COV. (815) leg. Florence)
		Station		Minicapolis, Minn.; Wold Chamberlain Floid ol 834'	8t. Paul Airport, el. 703' Minot, N Dak.: Port O'Minot Air- port el 1 723'	a Co Al	3,180'. 3d), N Y , Mil	Dates Field, el 217'	Brottley Field el 25,	Mollec, III : Mollec Airport, of 1597	Menroe La.: Selman Fleld, cl. 76'	Mentpeller, Vt.: Barre-Montpeller Atrest, el. 1,149	Meganlown, W. Va.: Megan town Alryst, el. 1,255 Mt. Shesta, Cali	Mullan Pars, Mont AFF, cl. 2535	Muscle Bhoals, Ala.; Muscle Bhoals Alrport el 546'	Muskegon, Mich.; Muskegon Co Aliport, el G77	Myrtle Beach, 8 O : Myrtle Beach AVE, el 24

	visual contact not estab-	lished over airport at authorized landing fain imums, or if landing not	accomplished—	Climb to 2 &00' on SW course.	Olimb to 1 400 on SE leg	(Boing rovised)	Turn left and elimb to 3,000' on W leg. "Doscent to cross Rang Birl at 600' may be started after passing Dilzabeth LFM. If LFFM not row! d final appeal after an elimber of the passing proper after an elimber of the passing property."	over targe is eve	Olimb to 1,500 on W leg		Olimb to 2,300 on SW course. *Descent to cross rng at 800' may be started only if New Rochelle FMM is received	Ollmb 1,500' on NE leg- *Procedure turn dist, are from LLS outbor marker Our: Empire State Bldg.	mai bei.	Climb to 1,500° on SE bez	Turn left and climb to 1 KW on SW lez	Climb to 1,200' ca NE leg.	Climb to 1,360 cn W lez.	
-			Vis.	00000		-00	20000 20000		0000		2000	2000		2000 2000		2000 2000	2200 2000	_
	ninimu	Night	Cell (tt)	3888		988	38888 388888		5888 8888		8888	8888		8888		8888	8888	_
	ibility 1		Vis. (mi)	23002	-,,	000	20000		2000 2000		1311	2000		2000		2000 2000	13hn	_
	Celling and visibility minimams	Day	Cell (tr)	8888		888	88888		88888		8888	8888		8888		8888	<u> </u>	
	Celling			, #84			+#ø<₽	2	おるくで		ದ್ದಾ	ほる人で		Ro4€		Ra4F	Rodt	_
-	ort.			2.6	₩	.01	10		61	fi _c	, 63	11.5 dio ker		1 9	Rock- LFM	6	6	_
	Station to airport		Mag bear.	246°	180	105	8 -		27.1	a Airport)	223°	42° 4.5 From ILS middlo marker		122°	302°. from sway	4 4°	236	
	Min. alt	over final	appr	1 200	1 100	966	000		800	New Orleans / Now Orleans I	•1 000	1,200 over ILS middlo mrkr		800,	650' over Rocka- way LFM	800,	750,	
,		Procedure turn min. at distances from radio gange station		10 mi —2 000 N sido NE leg 15 mi —2 600 N sido NE leg 20 mi —3 000' N sido NF leg 25 mi —3 000 N sido NF leg	10 ml — 1 600′ W sido NW let 16 ml — 1 600′ W sido NW let 20 ml — 1 600′ W sido NW let	WALL SIDES WAS NOT T IMI	10 ml —1 400 B'sido SW leg 15 ml —1 600 Saido SW leg 20 ml —1 600 Saido SW leg 25 ml —1 600 S sido SW leg		10 mf.—1 400 N side ND leg 15 ml.—1 400 N side ND leg 20 ml. —1,400 N side ND leg 25 ml.—1,400 N side ND leg	rom Moisant International Airport to rom Moisant International Airport to	10 ml — 1 600 N side N'É leg 16 ml — 1 600 N side NiE leg 20 ml — 1 600 N side NiE leg 25 ml — 2 000 N side NiE leg	10 mi.—1 600 S sido SW leg. 15 mi.—1 600 S sido SW leg. 20 mi.—1 600 S sido SW leg. 25 mi.—1 600 S sido SW leg.	Bleid to Flushing Afrport)	10 mi 2 300° S efdo NW leg 16 mi 2 200° S efde NW leg 20 mi 2 300° S efdo NW leg 25 mi 2,200° S efdo NW leg	10 ml —1,550 N sida SE lez 16 ml —1,200 N sido SE lez 25 ml —1,200 N sido SE lez 25 ml —1,200 N sido SE lez	10 mi — 1 350° S stdo SW 1cz 15 mi — 1,200° S stdo SW 1cz 25 mi — 1,200° S stdo SW 1cz 25 mi — 1,300° S stdo SW 1cz	10 ml - 1,200' S sido B leg 15 ml - 1,200' S sido B leg 20 ml - 1,200' S sido B leg 20 ml - 1,200' S sido B leg concrete NAS (Chumbers Field)	Lam Mangalt MAS to twill cambber Born Sambna Born
L		Final appr		N E	MM	-•	87		ä	contact contact	Z H	MS .	Guardi	ă X	SE	SW	E E	A TA ATA
		Shuttle		None	None	i	None :		None	55	None -	None	Fly contact from La Guardia	None	None	None	None Fly contact from Norfolk	The sentent term Morf
	Min, initial appr. alt. from the direction and radio fix indicated	NE-2 600 (NW log Smithvillo). NE-1,200, (Mt. Juliot FM) final SE-3 600' (8 log Smithvillo). SE-3,600 (Walter Hill FM). SW-2,600 (Macker Hill FM).	NW—2,000' (SW leg Bowling Green) NE—Min, enroute alt.————————————————————————————————————	(No associated airport)	NE—2,600' (NW leg LaGuardia) SB—2,600' (SW) leg LaGuardia) SW—1,400' (E leg Allantown) SW—600' (Klizabeth LFM), final SW—600' (Klizabeth LFM), final W—3,000' (NE leg Allantown)	(No procedure approved)	NE—5.0 (Keesfer range). NE—5.0 (Vlow Orleans FM) final S—Min. oarouto alt. W—1 600 (Lake Oharles range) W—1,600 (Lake Oharles range) N—1,600 (Lake Oharles range) N—1,600 (Jackson range).	N-1,400' (Madisonville FM). (Make let-down to Moisant Internati. (Make let-down to Moisant Internati	NE—1,600 (NE leg Newark) NE—1,000 (Port Ohestor FM), final. NE—*800' (New Rochelle FM) linal E—1,600' (NE leg Mitchel).	NW—1,700 (81eg New Hockensock) NE—1,600 (NE ber Nowant) E—1,600 (NE ber Nowant) SW-2,200 (NE Leg Nowarts), SW-1,600 (SE Leg Nowarts), SW-1,600 (SE Leg Nowarts), NW—1,700 (SI Leg Nowarts),	NW—1,200' (Flatbush FM), final. (Make let-down to La Guardia Field	NE—2,00° (W leg Mitchel). SE—1,60° (SW leg Mitchel). SW—1,00° (E leg Philadolphil). NW—2,20° (Newark range).	NW—620° (Newark range), final NE—2,60° (NY leg. Mitchel), SE—1,60° (SW leg. Mitchel), SW—1,50° (E Philadelphia) NW—2,20° (Newark range)	NE—1,20V (E leg Langley) SE—Min. enrous alt. SW—Min. curous alt. SW—50V (Deep Creek FL) final.		Contraction of the Contraction o		
		Station		Nashville Tenn : Berry Field el. 606'		Neadles, Calif : Needles Airport el 990			Now Orleans, La: Moisan International Airport of 3'	New Orleans Airport, el. 8 New Orleans NAS el 7' New York, N. Y.:		Procedure No 2 .		Floyd Bennett NAS, el 17': Procedure No 1	2	Norfolk, Va.: Norfolk, Airport (NW range) el. 22'	Norfolk NAS (East) (NGU range) el. 1ú . Norfolk NAS (Chambers Field) el. 13'.	

F.	riuu	<i>y</i> , <i>m</i>	ıarcn	19, 194				FEDERA	L KI	2G151E	K							TAAT
	If visual contact not estab	lished nuthorfr imums,	accompilshed—	Olimb to 4,500' on N leg within 25 mi	If contact not over rug, climb to 3,000 on NW log, within 25 nil High torrain 3 849 MEL 5 mi. BE of NE 187 IT mi. out and 2 187 MSL 7 mi. NE of SE leg, 18 mi. out, 197 typ. out. 197 typ. out. 197 typ. out. 197 typ. out.	400 th 6 far 76 10	Olimb to 2,700' on B kez	Ollmb to 3 000' on W lez.		Olimb to 2,500' on E lec	Climb to 2,000 on BE ler 1,720' twr on W leg 4,6 mi out.	Climb to 1,000 ca BW 1:3 within 25 mL	(Being rovind.)	Ollmb to 1,260 en BE leg	(Being rovized)	Olimb to 2,600' on NE leg be- tween Patterson mg and int with W leg Columbus	Turn left and climb to 2,239' on 13 leg	Climb to 1,200' on NE kg
	dmg	#	(mil.)	H22H	0000 11311		200 200 200 200 200 200 200 200 200 200			2200 2200	d .ü~	2200		gu-u onno				2200
	y minim	Night	# (€ G	2000	<u>පි</u> සිසිසි		8888 8888 8888			2838 2838	8 <u>2</u> 88	335g	88.	3333	3888	8888	8	1, 656 698 698
	1811bilit	,	Vis. (mi.)	1181 2000	H484 6000		2000 1-0-			2000 2000	1 .0 10.0 10.0	2000	300	0500	2442 2000	2000		2000
	Colling and visibility minimums	Day	(£)	1 8888	88888		8888			8858	8 X 8 8	2253	 88	3335	3888	888	8	8388
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ſ	Station to airport) ist	ii.	8	0 2		9	ო ო		6	&	က် က	es .	٠ <u>;</u> .	: :	ខ្ម	2	4.
	Stati	Mag	bear	352°	1990		%	253° from Okla Clity LFM		362°	146°	រិរិ	74.	116°	316	88	230	Š.
	Min. alt	over range final	appr	3 600	2003		2,000,	2.280 Orle LFM		1 689,	1,88	Too Almert.	port). 2rt No 2)	6 8		1,090,	1, 700'	1,000
	Min. alt Procedure turn min. at distances over range from radio range station final appr		10 ml -4,100' W sido 8 log 16 ml -4,100' W sido 8 log 20 ml -4 100' W sido 8 log 25 ml -4 100 W sido 8 log	10 ml —1,600' W sido SE leg. 115 ml —1,600' W sido SE leg. 20 ml —3,600 W sido SE leg 22 ml —3,600 W sido SE leg	rom Oakland Rango to Alameda NAB.) from Oakland Alrport to Hayward Alrport)	10 ml —2 500' 8 side W leg 15 ml —2 500' 8 side W leg 20 ml —2 500' 8 side W leg 25 ml —2 500' 8 side W leg	10 ml.—2 700' N sido B lor 15 ml.—2 700' N sido B lor 20 ml.—2,700' N sido B lor 20 ml.—2,700' N sido B lor	. Regers Field to Tubikes Airport.) 1 Regers Field to Country Club Airport.) 1 Regers Field to Nuckols Airport.)	2588 1111	0. Order Arger, 5 10 mi.—250 W cido N ics 5 10 mi.—2 00 W cido N ics 5 20 mi.—2,00 W cido N ics 5 21 mi.—2,00 W cido N ics 5	NE 10 mi.—1,550 N cido NE) icz 750 15 mi.—1,550 N cido NE) icz 25 mi.~1,550 N cido NE)	Orlando Africet (AFB) to Orlando Afr Priando Africet (AFB) to Orlando Afr	10 mi —1,200 W sido NW leg 16 mi.—1,230 W sido NW leg 20 mi —1,200' W sido NW leg); - -	10 ml -2,000 E sido 8 leg 16 ml -2,000 E sido 8 leg 20 ml -2,000 B sido 8 leg	25 mi +2 kov' is sido N feg. 10 mi +2 kov' N sido is leg. 16 mi +2 kov' N sido is leg. 20 mi +2 kov' N sido is leg.	25 mi — 3 20V N sido 13 lvg. 10 mi — 1,00V l sido SW leg 20 mi — 1 20V l sido SW leg 25 mi — 1,00V l sido SW leg 25 mi — 1,00V l sido SW leg	
		Final appr log		202	8	land F	₽	-	333	;	2 2 2	NE OHO	19.5 25	M M		22	я	SW
		Shuttle		Nono .	On NW leg to 3,000 within 20 mi. On SE leg to 1,500' within 16 mi. Turns on W sides	ly contact f Fly contact	None	Nono	Fly contact from W Fly contact from W Fly contact from W	None	None	Ply cantact	Fly contact Fly contact	Nono		None	None	Nono
0		Min. initial appr alt, from the direction and radio fix indicated		N—Min enrouto alt	(g	(Make let-down to Oakland Range. F (Make let-down to Oakland Afrport (No procedure approved)	N-3,000' (NW leg Tulea) E-2,700 (SW leg Tulea) E-2,600 (SW leg Tulea) W-3,000 (SE leg Onjo).	N=2.009 (Augusting F.A.), mon N=3.009 (Augusting F.A.), mon E=2.009 (BW log Tules) E=2.009 (Newallo F.A.), man N=2.009 (New Port Worth) W=3.009 (BE log Fort Worth)	(Mako let-down to Will Regers Field (Mako let-down to Will Regers Field (Mako let-down to Will Regers Field	N-2,550' (8W Icg Koncus City) D-2,550' (8E) Icd Koncus City) S-Alin, eursule oil, W-2,550' (8W Icg Koncus City)	(Analo (**Analo (***Analo (**Analo (**Analo (**Analo (**Analo (***Analo (***Ana) (***Analo (***Ana) (***Analo (***Ana) (***Analo (***Ana) (***	NE—1,609' (N Icg Melbaumo) SE—1,600' (N Icg Melbaumo) SW—Min. cnrouto alt. NW—Min. cnrouto alt. Chake itt-flown to Orlundo Airnert (AFB).		NE—1,299 (8W lc3 Richmend) RE—Min, enreute alt. 8W—1,499 (Ceppus Christ range)	NW-Min curoute alt.	NE—2,60° (W leg Columbus) E—2,60° (B leg Columbus), B—2,60° (Chedmatt rango)	W+2,200' (8 leg Dayton), NE-2,200' (W leg Columbus) E-4,200' (WE leg Concumont) 8-3,200' (WE leg Concumont)	W—Min, enratife alt. NE—Libov (VI) ice Washington) HE—Libov (VI fer Chincoteague) HE—Libov (VI fer Chincoteague) HW—Min, enratife alt. NW—I 600 (HE leg Washington)
		Station		North Platto	Onkland Airport of 6'	Alameda NAB, el 16' Ilayward Akrport, el 26' Orden Utah		Proceduro No 2	25. 26. 1,230	Outhe Kane:		Orlando, Fla.; Orlando Airpert (AEB), el 116 Cannen Milla Airpert. el 165	Mecquist Alipert, el 10'. Orlando Alipert No. 2, el, 65'. Offes, N Mex : CAA Int. Field, el	Falselos Tex: Palacles Airport, el	Palmdale, Callf: Palmdale Air pert el 2,619'	fatterson (Fairfield), Ohlo; Vatterson Fleid, el 1810'	N right Field, of 830'	Patuxent River, Md : Patuxent lilver, NAB, el 35'

	If visual contact not estab- lished over airport at authorized landing min	imums, or if landing not accomplished—	Olimb to 1 900' on N log	Olimb to 4 000° on W leg		Olimb to 1,300° on N Log within 20 mi	Maintain 800' for 4.5 ml after passing range on final Olimb to 1 500' on SW leg	Olimb to 1 900 on 8 leg	Olimb to 1,660° on B leg	Olimb to 2,000 on BW leg	Olimb to 4,000' on Sleg. within 25 mi. 2,440' twr 3 5 mi ENE of arpt	(Being rovised.)	Olimb to 3 500 on W leg within 25 mi. If proce dure turn made beyond 10 mi., the final appeh alt is 2 500°	Olimb to 4 tigg on 13 leg		Turn left and climb to 7 Gen on W leg.	(Boing revised.)
ı		E. G. G. Fish	200			1-81 1-81	1	0 100	1101 0000	2000	.0	4444 6000	0000	2000 2000	269 000	9 :00	
Celling and visibility minimums	Ngbt	S€ (£)	888	8488 8488		2288		8488 2488	2222	222	SZZZZ	8888	28888 88888	5 888	888	8488 8488	İ
151bility		E S	1000			2000	1	1 10 0 1 0 0 1 0 0	HU011		00000	4444 2000	2000 9000	4464 2000	500	130	
A pue Su	Day	88 88	. 888	8228 8488		2888	1	8488 8488	8888	888	88888	8888	\$888 \$888	5888 8888	888	8488	
Ceff			검석단	Rodf		₩84H		なるなま	まる人で	¥∞∢	HR@4t	#¤4H	Ko4H	৸৹ঽঀ	#4H	৸৹ঽ৸	T
Station to	hore	Dist (Eli)	1 6	61 63		2 ,	6 4	4 6	3.0	2.0	22	10	က က	4 8		61 73	
Stat		Mag bear	350°	247°		3400	2440	178	97	ă	169°	261°	249°	88	€	B	1
	Min. alt.	final	1 400'	2 500'		29	800	1 500	800	800,	3 000	1*	2, 400	2,000	Bettis Airport	5 200	
	Procedure turn mine at distances			35 mi – 1800 E stato 8 leg. 10 mi – 3 000' N stato E leg. 11 mi – 5,000' N stato E leg. 20 mi – NA N stato E leg. 23 mi – NA N stato E leg.		2222 1111		20 ml —2 000 W side N ieg 20 ml —2 000 W side N ieg 20 ml —2 000 W side N ieg 25 ml —2 000 W side N ieg	10 mi —1 500' S sido W log 15 mi —1 500' S sido W log 20 mi —1 500' S sido W log 25 mi —1 500 S sido W log	17.88.1 17.88.	25 mi —1 6000 E sido NE leg. 10 mil —3 600 W sido NW leg 12 mil —3 600 W sido NW leg 20 mi —3 600 W sido NW leg 25 mi —3 600 W sido NW leg.	or Afract to Thunderbird Afracet No 1)		10 ml.—2,600° S stde W lez 115 ml.—2,600° S stde W lez 25 ml.—2,600° S stde W lez 25 ml.—2,600° S stde W lez	legheny Go Airport to Pittsburgh	10 ml.—6 cco N sido W leg. 15 ml.—6 cco N sido W leg. 20 ml.—6 cco N sido W leg. 21 ml.—6 cco N sido W leg.	Airport to Pocatello AFB)
	Final	ಟ	τα	P	٠.	202	NE	z	B	Z	M.M.	TA Hari		Þ		₽ ·	ocatell
7	Shuttle	•	None	Mone		None :	None None	Nono	None	None	None	Fly contact from Sky	Моло	None	Airport Fly contact f		Fly contact from P
	Min, initial appr. alt. from the direction and main is indirected		N-1,900 (Winnipeg range) E-Min. enroute alt. 8-1,900' (Grand Forks range)	W—Min enroute att E—Min. enroute att E—Min. enroute att E—2,660′ (SW leg Walla Walla) final BE—10,600′ (Backer range), BE—6,660′ (LaGgrande FM),	SE—4,000 (Cabbago Hill FM) W—4,000 (The Dalles range) NW—6 000 (Yakima rango), NW—4 000 (SE leg Yakima)	NE—1,300' (Orestriew rango) §—Min. enroute alt. SW—Min. enroute alt. N—1,300' (IV leg Orestrolow).	NE—1,300' (Crestylow range) S—Min. enroute alt. NY—Min. enroute alt. NY—YOU'VE enroute alt.	N=2,000' (NT leg Burlington) E=2,000' (SW leg Foliol). E=1,000' (Springfold rango) W=2 000' (S leg Molino)	N=2,500 (Aflentown range) =-1,600 (SE Leg Philadolphis) (NF) =-1,600 (E Leg New Oastle) W=-1,600 (NE Leg Washington)	N=500 (Boothwyll FM) inni NE—1,600 (R leg Allentown) SE—2,000 (NE leg Philadolphia PG) SW—1,600 (N leg Philadolphia PG)	NW—2,000 (N icg Philadelphia PG). E—4,000'(S leg Willamsport) S—4,000' (E leg Altona) W—Min. enroute alt. W—Min. enroute alt. NW—3,000' (Brookville MH)	CMake Jet-down to Sky Earbor Almort	N-3,200 (Bismarok range) E-3,300 (SW leg Huron) S-Min, enroute oilt, W-4407 (Rapid Oilty range) W-3 500 (Rapid Oilty range)	E-4,600 (N kg Altoons). E-2,600 (Nov Assandel's EM) SE-4 600 (S kg Altoons). SE-2,600 (M. Plessant FM) W-2 600 (SE G G G G G G G G G G G G G G G G G G G	NW Zgod (Str. romstown). (Make let-down to Allegheny Co Air	N—5.60V (Dubols range) E—Min, emouto alt. S—11,60V (Maild City range) W—7,00V (N leg Bugloy).	(Make lit-down to Posatslo Aurost
	Station	l.	Pembina, N. Dak: OAA int Field el 702'	Pendleton, Oreg : Pendleton Afr- port el 1403'	ı	ort, el 121'	Corry NAS, el 32	rport al 669	Airport el	Philadelphia NE Airport el 120' (NF range)	Philipsburg, Pa.: Black Mosban non Airport of 1940'	bor Alrport el 1120 blrd Alrbort No 1 el	: Plerre Airport	ritsburki, ra; Alferbary Co Airport, el. Alferbary Co	drport el.	Pocatello Airport el. 4435	Postcilo Al'B, cl. 4.445. Pope (Fort Brown) N C: Pope

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	Trysual contact not estab-	Alshed over alroort &t authorized landing min-imums, or if landing not	accomplished—	Olimb to 1 500 on BE leg	Olimb to 3,000' on 8 les, or to 2 000' within 10 mi	If not contact over rng, turn loft and climb to 8,000' on NW leg within 25 mil.	(Being roviced)	(Being roviced)	Olimb to 1,000' on N kz	Turn right and climb too Goy on E Ter within 25 mi. "If co not calo at Good prior to reaching mg, reverse cours and climb to Good on E Ica prior to returning to cin. If procedure un accompliched beyond 10 mi., the oft, on finel op-	preach is 6,100'. If not confact over range, D climb to 7,630' on E leg.	(Being rovized.)	Ollmb to 1,639' on NW leg.	Climb to 2,000' ca NW lcz within 25 mL	Olimb to 2,630' on NW leg (Being revised.)	Make 183° right turn and climb to 2,400° an S kg within 20 m	Makorisht turn and elimb to 10,000 on B leg within 30 ml of range station
			(mf.)	1"	1 :84 000					0000 8884		9 :99	:::: -::::::::::::::::::::::::::::::	2200	2200 2200		n :00
	Colling and visibility minimums	Night	Ct Ct		5 ⁷ 288						- 1		- 	<u> </u>		3358 3358	~~~~ & 488 & 488
	vísíbil	γι	(mf.)		13: 12	0000	v-i					임 :성성				2000	- :::::: ::::::::::::::::::::::::::::::
	ling and	Day	Cont.		8488 11	8888	3888		===== ================================	2555 255 255 255 255	<u> </u>	2,42 1,42 1,42 1,43 1,43 1,43 1,43 1,43 1,43 1,43 1,43			 	 	544 548 588
	!				## ##	# @ <6			## #			北谷人で	H 24F	スピヘホ	スロヘモ	# #	∺ ∞<∺
	Station to airport			2.2	ត	ਸ਼ ਹ	8	9	8	24	0	2		e e	્ લ	ei 	£.
			bear	140°	171°	142°	183	&	470	340	\$	242	8	230	ğ	333	101
	Min oft	over range final	appr	1 000	1, 500'	6, 500			2003	15 500'	7,000,2	i	2003	1,390	Alrport.)	1, 200'	4, 633
											1				talelgh 	I	1
-		Procedure turn min, at distances from radio range station		10 mi —1 500' W sido NW leg 15 mi —2 500 W sido NW leg 20 mi —2 500 W sido NW leg	22 mi — 2000 W sido NW leg. 10 mi — 2009 W sido N leg. 15 mi — 2009 W sido N leg. 20 mi — 2009 W sido N leg. 22 mi — 4000 W sido N leg.	10 ml.—7 000' E sido NW leg 16 ml.—8 000 E sido NW leg 20 ml.—8 000 E sido NW leg	W N 500 54 700 5-		10 mi.—1,500° W sido SW leg 15 mi.—1,500° W sido SW leg 20 mi.—1,500° W sido SW leg. 25 mi.—1,500° W sido SW leg.	10 ml.—0 600' D cldo B log 116 ml.—7 600' D cldo B log 20 ml.—7 600' D cldo B log 25 ml.—7 600' D cldo B log.	10 mi.—6.00% Boldo Bler 16 mi.—7.00% Boldo Bler 29 mi.—7.00% Boldo Bler	7,000 H. Cido B	10 ml.—1,000' B sido BB lcg 15 ml.—1,000' B sido BD lcz 20 ml.—1,000' B sido BB lcz 23 ml.—1,000' B sido BB lcg	10 ml —1,539′ N cldo SB lcr 15 ml —1 530′ N cldo SB lcr 20 ml —1,539′ N cldo SB lcr 25 ml —1,530′ N cldo SB lcr	Raleigh-Durham Akrport to 1 10 mi.—2009' B field BE for 16 mi.—2009' B field BE for 20 mi.—2009' B field BE for 23 mi.—2009' D field BE for	10 mi,—2 000' B sido S ler 16 mi —2 000 B sido S ler 20 mi —2 000' B sido S ler 23 mi —2 000' B sido S ler.	13 ml.—6 000' N eldo NW leg. 10 ml.—NA N eldo NW leg. 20 ml.—NA N eldo NW leg. 25 ml.—NA N eldo NW leg
		Final appr log		MM	z	WW			8W	5 2	02		38	38	e e e e e e e e e e e e e e e e e e e	23	NA NA
		Shuttle		None	None.	None			None	Nono	Neno	# # # # # # # # # # # # # # # # # # #	None	None	Irport, Fly contact	None	On N kg to 7,639*
		Min. initial appr. alt. from the direction and radio fix indicated		NE—1,800' (Augusta rango) SE—1,600' (NE leg Grenler). SW—2,000' (NE leg Grenler)	N. W. – M. M. (170) (170	W—Min. enroute alt. E=10,000 (Whatslow range). SE—10,000 (Pheenik range). W—10,000 (Needles range)	NW-Min enroute alt	!	N—1,000 (BW leg Boston) E—Min, encoute all, BW—Min encoute all, W—J 700' (BW leg Beston)	N—8,090' (Colorado Sprinça rango) E—0,000' (La Junta rango) S—7,000' (Trinidad rango) W—Min carouto alt.	N=8.655 (Colorado Sprinça rongo) D=*6.656 (La Junto rongo) S=7.657 (21 rindoa) rongo)	W-Ma caroute olt	(No proclute approved) E—Min. carculo alt. NE—Min. carculo alt. V—1,609 (No Ver Providence) NW—1,609 (Providence range)	NT—1,600' (SI) lea Bheketono) SI:—Min. enraufo alt. SI:—1,600' (NI) let Pops), E—1,600' (NE let Playence),	NW—240V (NJ. 1ft Ucronisco). (Make det-down to Rafeija Durham Airp NV—200° (8 kg km Marce) SE—Min, enradied out, SW—240° (8 kg Alamo). NW—2 60° (8 kg Alamo).	N=10,000' (Ft, Jones rango). N=6 000' (W leg Whitmore) N=3,000' (Redding FM) E=-Min, entoulo alt.	W—Mill, emonio alt. N—Joly (Ville Dalles range) NF—Afin enroute alt. R—10,009 (Klannath Falls range) NW—Min enroute alt.
	/	Station		Portland Maine: Portland Airport, ci 60'	Portland, Oreg : Portland Airport, el 119	Prescott, Ariz: Prescott Airport, el 5042	resquo Islo 1 629' (ZQ	Precque Isle AFF el 629' (RU mnge)	Providence R. L.: Greeno Airport el EF	Pueblo, Colo.; Pueblo Alrport el. 4,833'	Pueblo AFB, el 4,712	ng Field, el.	nact	Ratelsh, N. C.: Ratelsh Durham' Akport, el 433/	Randelph Alrpert, el. 254' Randelph (ean Antonio), Tex: Randelph Field, el 701' Ponti City & Dale Bond City	AFR el. 3, 242. Red Bluff Calif; Blawell Field, el 364	Redmond Oreg: Roberts Field, el 3,070'

detect ton tools	If your county not extro lished over alroat at authorized landing min imums, or if landing not	olished-	fmmediate left turn climb to 9 500' on N	1 500 on N leg	versed)	(postav	on N leg to 2 400	2 000' on W leg	2 200 on E leg	o 10,000° on W lez 25 mL	Proceed out right side of E leg climbing to 2 300°.	vriced)	voiced.)	9 3,600' en N ecr 25 ml.	Climb to 2,009' on W lez.
i cing	lished Suthori Imums	accom	Mako fr and cli leg	Cilmb to 1 500	(Boing revised	(Boing rovised	Climb or	Olimb to	Olimb to	Olimb to 10,000' within 25 mi.	Proceed leg cliu	(Boing rovised	(Being revized.)	Olimb to 3,660' within 25 mi.	Climb to
sun	ıţ	Vis.	0000	2000 9000	000	20	0040 0040		H 181 H	0000	12 100 12 100	0000 0000	1121 0000	##C	44484
y minim	Night	95 E 35	8888 8888	5888	999	200-	8 <u>8</u> 88	88888 1	8 ^X 88 488	8888	888 888	8888	8228	888	<u>88888</u>
/Isibilit	A	Vis. (mi)	0000 ()	H484	000				H 1811 G 100	2000 2000	1.81.01 1.00	2000 2000	1444 2000	11n	44464
Celling and visibility minimums	Ŋay	Con (#)	1,2,2,2 95555 9656	2000	1 500	2 500 2 500		88888	1 888 1 888,	1 500	1 88 88 88	1 8888 8988	8888	555	
			Rode	¥∞4E	보수타	엄석	H2∞<	では84m	なる人で	Ro4H	ಜ್ಞ 4E		Rade	ಚಬ≺	leuko ∢e
Station to airport			г г	2.0	2 0	1 8	2.6	61	H 7	c1 c0	ત જ	un Alrport.) 255° 3 6	1,7	3.7	ci 61
·		bear	161°	စ <u>ို</u>	128°	3400	350°	238	45°	246°	%	15.55 15.55	ង	383	236
	Min. sit	appr.	7 000′	905			1 900	1 500	: 1 540 Airport)	8 700,	1 500	to Willow J	ı	1 660	7,330
	Procedure turn min. at distances from radio range station		10 ml.—8 500° E side N leg 15 ml.—8 500° E side N leg. 20 ml.—8,500° E side N leg. 25 ml.—9 000° E side N leg. Fiold to Reno AFB.)	2 2222 2 21111 2 11111	!	to Arlington Airport)	-2 400' E side 8 -2 500' E side 8	25 mi.—2 500 B side S les. 10 mi.—2 300 N side B leg. 15 mi.—2 300 N side B leg. 20 mi.—2 300 N side B leg. 25 mi.—2 300 N side B leg.	Beloft	-9 200'N side E log -9 200'N side E log -9 200'N side E log -9 200'N side E log.	10 mi.—1,000' S sido W log. 15 mi.—2 loo' S sido W log 20 mi.—2 loo' S sido W log 26 mi.—2 loo S sido W log	it'from Detroit-Wayns Ma]or Airport	4	mento Arrpott to Matclettin rield, mento Airpott to Matcler Field, 10 ml.—2 100' W side S leg. n.m.i.—2 100' W side S leg. n.m.i.—2 100' W side S leg.	25 ml. – 2 100' W side S 185 10 ml. – 1 600' N side B 185 12 ml. – 1 600' N side B 185 25 ml. – 1 600' N side B 185 25 ml. – 1 600' N side B 185 25 ml. – 1 600' N side B 185
	Final appr leg		Z pred	SW SW		riela	to .	P	Mac W		₽	contact	1 1	Sec.	<u>ы</u>
	Shattle		On NE le 9,500' with mi. 7 contact from	None	1	y contact from Marca	Nono	None	None Fly contact from	None	None.	E I		r Fly contact from Nono	None
	Min. initial appr. alt. from the direction and radio fix indicated		NE—11,000' (Humboldt rango).— NE—6500' (Waddworth FM). SW—12 000' (Donnor Summit rango) R—Min, encude alt. N—Min encude alt. (Make let-down to Hubbard Field.	(Azias peroporta) N—1500 (SW 109 Weblagton) N—1,500 (SW 109 Weblagton) SW—1,500 (W 10g Langloy), SW—1,500 (W 10g Langloy), SW—700 (Ohester PM) final, N W—3 000 (NE 10g Exacaburg)		(Make 105-down to inaced from Fig.	N—2,400 (SE leg Minneapolis) E—2,600' (NW leg La Orosse) S—2,600' (SW leg La Grosse)	W—Min. onroute alt. N—2,000 (S log Stirling). E—2,300 (W log Straouse) E—2,500 (YW log Emira). W—2 000' (NW log Emira).	E-2 200' (NW let Chicago) E-2,100 (W let Chicago), W-2,200 (8 let Lone Brock), NW-2,200' (8 W let Madison) (Make let-down to Machenary Alreott.	N—Min. enroute alt	E-2,30V (Windsor range) SE-2 30V (E leg Toledo). SE-1,50V (SV leg Windsor) W-2 40V (SE leg Lansing). W-1,70V (Salino FM), final. N-2 50V (E leg Lansing).	(Make let-down to Defroit-Wayne A		(Make let-down to Scientific Airpo (Make let-down to Escremento Airpo N-Min. enroute alt. E-3,000 (NE Let Kansso (lity) E-3,000 (NE Let Kansso (lity)	W-Min.enroute alt. N-Min.enroute alt. N-Min.enroute alt. N-Mis.enroute als. N-Mis.e
	Station		- In	d d 167		Roanoke Va : Woodrum Field el	Rochester Minn: Rochester Air port, ol 1010	hester Air-		Rock Springs, Wyo: Rock Springs Airport el 675/ Rodec, N Mex.	Romulus, Mich.: Dotrolt Wayno Mojor Airport el 630	Willow Run Afrport, el. 715 el 3 664'	Sacramento Airport el 21	Mother Field, et. 91. Et. Joseph Mo : Boscerans Field et S21.	St. Louls, Mo.: Lambert St. Louls Alrport el 1:22

F	'rıda	y, M	larch	19 , 194	!8			FEDE	RAL RE	GISTER						1445
	If visual contact not estab-	lished over alrport at authorized landing min- imums, or if landing not	accomplished—	(Boing rovised)	(Boing rovised)	Olimb to 3,500° on N leg	Olimb to 3,600' on W lez	Climb to 2,200 on Sieg. *If Yates MHW not rev'd, alt. over mg on final approach is 1,700'	Climb to 2,000' on BD 1cz within 23 ml.	(Being roviced)	(Being revised.)	Olimb to S.C.3 on Blcz. Cin: high terrain W cido N Icz.	If not cto over me, turn right and climb to Slow's en Bler- initial appreach mest is- on top, not to exceed 3,500, 4229 this omi, N of W'res- 10 mi from range.	If not contact over range climb to 2000' on SW 157, 620' MSL towr 8 cldo SD 1637 ml out.	Olimb to 1,300' on NE lez	_
	nms	ht	(mi)	0000	0000		HUUH 0000	1101 2000	0000 HUNH	4444 0000	4444 6000	2200 2200	ರ .ಜ.ಗ 0 .00	22000 10	2200 2200	
	Colling and visibility minimums	Night	8£	ਜ	,8888 <i>8</i>			55558.	- - - - - - - - - - - - - - - - - - -	8888 	8888 -	88 <u>8</u> 8	8 5 88	**************************************		_
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-	ling and	Day	8 8 8	1 2000 3000 3000		<i>ν</i>		5558	2 8888	<u> </u>		<u> </u>	₽ ⋨ ⋛⋛ ————	 	5558	_
	. B	٥		まるくに	我員人で		北日人で	# 84 F	なる人な	HBAH	# ∞ <₽		#¤<#	#245#245 #245#245		_
	Station to airport			2.7	<u>~</u>		2	2.2	18	4 8	9 ×	<u>.</u>	6	4 2 0,0	લં	_
	Stati	Mod	bear	102°	163°	Afrport.	240°	174°	107°	183	្សិ		*	<u> </u>	នឹ	
	Min alt	ovor rango final	appr		••	Central 2 600	2 500,	•1 500	1 400			1,000,	Ę	1,750	, 69	
		Shuttlo appr Procedure turn min, at distances from radio range station	p	•· •·		o 1 Fly cont act from Salt Lake Olty Afroot No 1 to Utah 10 ml —3 100 B side S leg 20 ml —3 600' B side S leg 20 ml —3 600' B side S leg 50 ml —3 600' B side S leg 50 ml —3 600' B side S leg	E 10 ml -3 000' N slide 20 ml -3 000' N slid	N 10 ml – 2 600 W sido N leg 15 ml – 2 600 W sido N leg 20 ml – 2 600 W sido N leg 25 ml – 2 600 W sido N leg	NW 10 ml -2 top" W alde NW leg 16 ml -2 top" W alde NW leg 20 ml -3 top" W alde NW leg 20 ml -3 top" W alde NW leg 20 ml -3 top" W alde NW leg 20 ml -3 top W alde NW leg 20 ml -3 top N alde NW leg 20 ml -3 top	- Lord Town	Transfer form Empires Atment to Relinent Alment.	Fig. contect from Em. Francico Airportio Em Mates Airporto 10 ml — 2000 E 5140 N Rg	W 10 ml -1,600' S cldo W lcg + 16 ml -1,600 S cldo W lcg 20 ml -on top S rldo W lcg 20 ml -on top S cldo W lcg	10 —	SW 10 ml -1,100' 8 side SW leg 25 ml -1,100' 8 side SW leg 25 ml -1,100' 8 side SW leg 25 ml -1,100' 8 side SW leg 25 ml -1,100' 8 side SW leg	Hunter Field to Chatham Field)
		Min, initial appr alt, from the direction and radio fix indicated		(No instrument let downs authorized)	1	(Make let-down to Salt Lake Clty Airplort No 1 N—3,600' (E leg Big Spring) E—3,000' (8 leg Ablend). S—3,000' (NW leg San Antonio) (ZN	W—3,600′ (8E leg Blg Spring) N—3,600′ (8E leg Blg Spring) N—5 600′ (8 leg Millon) S—3,600′ (8 leg Millon) S—5,600′ (NW leg San Antonio) (ZN range)	W—3,500' (SE let Big Spring) N—3,500' (SW leg Ausin)	W-2,200 (NE1c; Ean Antonio Keliÿ) NB-2,200 (8W c; Aucitu) NB-Min. carouto alt. SW-Min. carouto alt. NW-Min. carouto alt. NW-Ain. operato alt.				(No procedure opproved). None W 10 ml -1. None control of the N—Min, enroute alt. 8E—Min, enroute alt. 8E—Min, enroute alt. 8E—Min, els Jeg Und Marals. 19—2,009 (Grand Marals range). (Make let-lown to kault Ste. Marle range. Klarges Alrport.)	NE-1,300' (Charleston rango) SE-Min, enroute alt. SW-Mi, remotte alt. SW-Mi, remotte alt.	NW—1.300' (NE leg Almn). (Make 1et-down to Hunter Field Ely contact from	
		Station	!	Salinas, Calif. Salt Field, of 3 710'	Salt Lake Olty, Utah: Salt Lake Olty Alrport No 1, ol 4 222'	Utah Cantral Alrport, el 4,240' San Angolo, Tox.: Goodfellow Field el 1,877'	Mathis Floid of 1,915's	San Antonio-Alamo Airport, (Alamo rango), el 200'	range), ed.		Em Francico, Colli: Em Francico Alrport, el 10'.	Lemont Africat, cl. 6 En Mateco Africat, cl. 6 En Mateco, Tex.; En Mateco AFF, cl. Cc.	Fanta Ano, Callí. : Eanta Dar Eanta Darban, Gallí : Eanta Dar bara Airport, el g'	Sault Ste Marle, Mich.; el kauld Ste. Marle Akport, el 700' Sault Ste Morle-Kinrez Ale- port el 750'	Eavonnah, Co.: Runter Fleid, el 40'	Chatham Fleid, el 100'

RULES AND REGULATIONS

Tå	46							R	nre2 WIA	ID REG	ULAIIC)N2						
	If visual contact not estab	lished over airport at authorized landing min imums, or if landing not	accomplished—	Olimb to 2 000' on NE leg	(Boing rovised)	(Boing rovised)	Oilmb to 1,500 on S leg within 16 mi	,	Olimb to 8,000 on NW leg. *If Shoridan LFM visual and aural signals rev'd, alt over range will be 5 000'	Olimb to 1 500' on S leg	If not contact over rango, climb to 9,000' on SE leg. High terrain immediately W of NW leg	If not contact over rango, climb to 10,000 on W leg. Procedure turn must be accomplished within 10 mil because of high terrain to	If not eto over rig, elimb to 10,000° on W leg. *Procedure furn must be accomplished within 10 mi.	Olimbir, 2,600° on N leg. 1,400° terrain 4 mi W of S leg.	Climb to 2,800' on NE lez within 25 mi	(Belig wolked)	Olimb to 3 000' on S 1:3.	
	nms	ᇤ	Vfs.		-aaa		00:00 H3: 15H		0000	0000	0000	0000 12000	6000 6000	1000 1000	446	14 luq	-146H	<u> </u>
	y minim	Night	Cell (ft.)	200 200 1 000	- 55558	988	88 ^X 88 88 ^X 88		1 000 500 600	1 2000	8888 8888	200 200 200 200 200 200 200 200 200 200	11 200 200 200 200 200 200	# \$255 \$256 \$356 \$356 \$356 \$356 \$356 \$356 \$356 \$3	8888	174	8558	<u> </u>
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	Ceiling and visibility minimums	Day	Coli (ft)	1,000	28888	1 900	1, 366558 36658	·	800 800 1 000 600	1 200 300 300 300	8888	11 500 500 500 500	2 8888	1 8888 8888	1	:# 	8888 -	<u>;</u>
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	Station to airport,		(iii)	2.2	3 1	2.8	4.0		9 Ħ	1 8	1 0	5 H	17.4	1.9	 21	1.4	5.1	
	Stati	غ ا	bear	490	301°	2900	183°		208	146	132°	255°	8	337	8	13,	170	
	Min. alt	over ratigo final	appr	1,200			1 500'		5 500°	800	4,000	8 300,	8 100'	1 700′	2,100′	:	2, 200	
		Procedure turn min at distances from radio range station		10 mi.—1 800 S sido SW log 15 mi.—2 000 S sido SW log 20 mi.—2 000 S sido SW log	mi —2,000' S sido SW		10 ml1 500' W sido NW leg 16 ml1,600' W sido NW leg 20 mlNA 26 mlNA		10 mi —6 000 N sido SD leg 16 mi —7 000' N sido SD leg 20 mi —7 000 N sido SD leg 25 mi —7 000 N sido SD leg	10 ml —1 700' W sido NW log 15 ml —1 700' W sido NW log 20 ml —1 700' W sido NW log 20 ml —1 700' W sido NW log	10 ml — 6000′ E sido NW leg 15 ml — 7600′ E sido NW leg 20 ml — 760′ E sido NW leg 26 ml — 760′ E sido NW leg	10 ml*9,600 N sldo E leg	10 ml8 600' N sido E loz	10 mi -2400 B side 8 les 15 mi -2500 B side 8 les 20 mi -2500 B side 8 les 25 mi -2 500 B side 8 les	10 mi.—2,500° W sido NW leg 15 mi —2,600° W sido NW leg 20 mi.—2,800° W sido NW leg	Zami-Zzeur w stas n w	10 ml - 3 000 W side N leg 15 ml - 3 000 W side N leg 23 ml - 3 000 W side N leg. 23 ml - 3 000 W side N leg.	y Hill AFF to Salina Altroit
		Final appr leg		ВW			NN		88 EB	MM	N.	P	A	7 03	MM	! 	z	Smo
		Shattle		None		ı	None		None -	None	None .	None.	Nono 6	None	None		Nопо-	Fly contact from Smoly
		Min. initial appr. alt. from the direction and radio fix indicated	,	NE-2,000' (NW leg Evansville) SE-Min. encoute alt. SW-2,000' (8 leg 8t. Louis).	NW-2 000 (NE leg St Louis)	***	NE—Min. ouroute alt NE—3.000' (E leg Everott). E—9 000' (Ellensburg range) E—7 000 (Easton FM).	8-6 000 (Toledo muro). 8-4 000 (SE leg MoChord) 8-4 000 (Labreviow FM). NW—6 000' (S leg Patricle Bay) NW—2,000 (W ler Everett)	(No procedure approved) NE—Min. encoute all SE—7 000' (N log Casper) SE—5,000 (Greess FM). SE—5,000 (Greess FM). SW—Min. enroute all.	NW—8,000' (Billings table), E—1,600' (NB leg Barkstalio) E—1,600' (NV leg Burkstalio) W—1,600' (NE leg Tylor), NW—1,700' (W leg Toxarkana)	N.W.—30. (JANA) Hall., SPE-10.600 (Las Veges rango) SE—10.600 (Kes Veges rangos), SW—6.000 (Degget rango) N.W.—Min onroute ale	N-Min, enroute alt. E-12,000' (NW leg Laramie) S-Min, enroute alt. W-10 000' (Rock Springs range)	N-Min. caroato alt. E-12,000' (NW leg Loranio) S-Min. enroato alt. W-10 000' (Rock Springs rango)	N-2,600 (Stoux Falls range) E-Min, entrothe all, S-2 600 (Qmatha range), S-1,700 (Stoan FM) Final	W—Min. errouts ait. NE—3,600 (Minheabolis radge) SE—2,600 (Sloar City range) SW—Min. enroute ait	N W-Z,550 (Huron range)	N—Min. caroute alt	(Make let-down to Smoky Hill AFF
		Station	\$,	Scott (Belleville) Ill : Scott Field, el 447'	Scottsbluff, Nobr : Scottsbluff Air port el 3,946	Scattle, Wash.: Boeing Airport el 16'	Scattle Tacoma Airport of 408"		Eelfrdge (Mount Clemons), Mfcb. Sberldan, Wyo.: Sherldan County Airport, of 4 021'	Shrovoport, In: Shrovoport Air port, el 170'	OAA Int	Rawlins Alrport of 6,780	OAA Int. Field, el 6 531'	Sloux City Iowa: Sloux City Air port, el 1 <i>637</i> '	Stoux Falls, 8 Dak: Stoux Falls Airport el 1420	Smithyllo Tem:OAAint Field I 673'	Smoky Hill (Solina), Kons., Smoky Hill AFF et 1 229	Salina Airrort el 1,276

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Te referred constant west sealed	Ilshed core alroct at authorized landing min- futhorized landing min- futuris. or if landing nor	accompilshed—	Olímb to 2 100 on B leg	If both aural and visual sig- nals of LFM not received, climb to 2 000' on W leg	Ollmb to 3,000' on NE leg	(Being roviced)	Olimb to 2000' on NE lea.	Olimb to 3,000 on 8E leg	Turn left and ellmb to 2,003' on SD leg Within 25 mi	Climb to 2,669 on N 153 within 25 mi	Ollmb to 2 000' on S leg	Climb to 3,659' on S 1cz.	Ollmb to 2,703' on E leg.	Olimb to 1,560' on E leg	Olimb to 1,090' on N lez	Olimb to 1 200' on B leg	Olimb to 1,600' on NE leg
ums	4	Vis.	1221 0050		000gg	*•	000	00000	00000			ន :	90 H	2200			
Colling and visibility minimums	Night	Coll (ft)	2888 8888		8888		588	\$255	83358	888	68888	S.Y.	38 - '	2338	2328 2328	Be.	
Istbilit	8	VIS. (ml)	1000 1000 1000		,000 1311							0	30 30	2000			
ing and v	Day	Coll (ft)	500 1, 900 300		1 5555 8556 8556 8556 8556 8556 8556 855		568		<u> </u>	888	88888	S.X.	\$\$	8838	3388 3		
Coll			Hodt		れる人で		#4E	* # ® <	15 8 4 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5	# % <	これ8人の	Ka.	48 1	∺∞<÷	ಜ್ಞನಕ		
Station to airport	1	(EE)	e e	4.1 Notro LFM	10		5.3	4.3	3.7	3.2	4.5	લ	\$ "2	2.7	5.7	<u></u>	5
Stati	3,6	bear	220	Z55° from Dam	. šš		ໍ່ສ	134°	321°	Sign 1	173	176°	88	33	383°	210	§
Min alt	over range final	appr	1 500	1, 400' over Notro Damo	1 600'		1 300	1 990	1 000	,003	1 236	1,230	1 5007	730	§	82	700,
	Procedure turn min. at distances from radio range station		10 ml —2 000 N sido W log 16 ml —2 000 N sido W log 25 ml —2 000 N sido W log 25 ml —2 000 N sido W log	10 mi —2 000 N sido B leg 16 mi —2 000' N sido B leg 20 mi —2 000' N sido B leg 25 mi —2 000' N sido B leg	10 ml —2 000 S sldo SW leg . 16 ml —2 000 S sldo SW leg 20 ml —2 000 S sldo SW leg 25 ml —2,000 S sldo SW leg	okano AFF).	10 ml - 1,500 S side SW leg 10 ml - 1,500 S side SW leg 15 ml - 1,500 S side SW leg	25 ml — 1 500 B nido 8W leg. 10 ml — 2 400 W sido NW leg 15 ml — 2 400 W sido NW leg 20 ml — 2 400 W sido NW leg	25 ml - 246 w 646 NW lct. 10 ml - 150 N 546 NV lct. 10 ml - 150 N 546 NV lct. 25 ml - 150 N 546 NV lct. 25 ml - 150 N 546 NV lct. 25 ml - 150 N 546 NV lct. 25 ml - 150 N 546 NV lct. 25 ml - 150 N 546 NV lct. 25 ml - 150 N 546 NV lct. 25 ml - 150 N 546 NV lct. 25 ml - 150 NV lct. 25 ml - 25 ml	10 mi _ 1 co	Simil GG 65 file S 15; Simil GG 65 file	333 11 11	35553 1777 1777	20 mm - 1,000 mm 155 10 mm 155	10 ml — 1,200' IS side 8 les 15 ml — 1,200' IS side 8 les 25 ml — 1,200 IS side 8 les 25 ml — 1,200 IS side 8 les	N 9 pls M ,000' I m N 9 pls M ,000' I m I I I 000 M side M	25 mt – 1 000 W fold N Peg. 10 mt – 1 000 B fold SW Feg 15 mt – 1 000 B fold SW Feg 25 mt – 1 000 B fold SW Feg 25 mt – 1 000 B fold SW Feg 25 mt, – 1 000 B fold SW Feg
	Final appr log		*	P	8W	45 87 10 10 10 10 10 10 10 10 10 10 10 10 10	8/8	Ř	28 28	6 0	<u>z</u>	z	*	WW	ø	z	8W
-	Shuttlo		None	Мопе	Мопо	t from Felts Fiel	iono Jono	ono	ono	ono	None	None	None	None	None	None	Nono
1	Min, initial appr. alt, from the direction and radio fix indicated		N—2 000' (NE) lor Cliftongo) E—2 100' (N lor Gosbun) E—2,000 (Notro Denno Lenx) 8,—2,000 (Notro Denno Lenx)	M—2000 (NE 185 Artery) E—2,100 (N log Goshen) E—1,400 (N log Goshen) S—2,100 (W log Goshen)	W—2,000 (B leg Glumbia) NE—3,000 (N leg Columbia) SE—2,000 (N leg Columbia) NE—2 200 (NW leg Columbia) SN—2,000 (B leg Greenvillo) NW—Min enroute alt	(Make let down to Felts Field. (Make let-down to Felts Field.	NE—2,000' (W leg Obnute) SE—2,000' (SW leg Obnute) SE—2,000' (SW leg Obnute) SW—1,500' (N leg St, Louis).	NW-1,500' (N leg St. Louis) NE-2,400' (Wichy rango) SE-Min. enrouto alt. SW-2,400' (S leg Jonlin).	NW—2.200 (W for Jopiu) NF—2.200 (W for Jopiu) SF—2.007 (E leg Botton) SF—2.007 (Brane Roof FAA). SF—2.009 (Brane Roof FAA).	NW—2509 (W IG Bestion) (No procedure approved.) N—4,630 (NE leg Sacramento) E—2,630 (NE leg Sacramento) S—3,660 (V leg Fercan	W—5.637 (Oakbad range) N—Min, enraulealt. E—2030 (SW fer Memphie). S=2,030 (SW fer Memphie). W—2,030 (SI fer Little Reck).	(No incirument let-downs authoria, N—2,639' (NW let Utes) E—1,630' (SW let Utes)	V—1500 (D. I.c.) N—2500 (N. I.c.) N—1600 (N. I.c.) N—1600 (N. I.c.)	N—2.59 (8) (5) (10.5) N—Min. chenicoli. D—1.69 (NW kg Cres Oity) B—Min. chenicoli.	NE—1,265' (Orlando rango) B—1,525' (NW leg Ft. Myers) SW—Min. enranto alt. N—1,595' (812 leg Cross Olty).	N=1,507 (North Tamps FAI) N=-1,507 (Orlando mngo) S=1,504 (NW leg Pt. Myers) SW=-Min, enroute alt.	N=1,099' (S.E. leg Cross Olty) NE=1,009' (Orlando mng0); S=1,509' (NW leg Pt) Myers) SW=-Mfin, enroute alt, N=1,099' (S.E. leg Orgs Olty)
	Station		South Bond Ind : Bondiz Airport ol. 778': Procedure No 1	Procedure No 2	Spartanburg 8, O: Spartanburg Alrport ol 80%	Spokano, Wash. Felia Field, el 1,002 Spokano AFF, el 2,430. Calitra AfF Termini, el 2020	Springfield III: Capital Alrport, el 633'	Springfield, Mo: Springfield Air port, el 1,259'	Squantum, Mass : Squantum NAS el 10'	Stewart (Newburd), N. Y. Steekton, Calif.: Steekton Airport, cl. 23	rt Alryort	Synchor, Mont Syncho, N. X.: Syncho Alrort, el 330'	Hanceck Airport, el 410'	1 : Mabry Fleld, el	Tampa, Fla.: Drew Field el 26'	MacDill Fleid, el 13'	Knight Airport, el 8

7440										KLO	0471110110						
If wisnal dontact not actoh	lished over alrocting at authorized landing min impums. Or if landing not	accompilished,	Olimb to 2 000 on E leg	Olimb to 1 800' on W leg	Olimb to 1,600 on SE leg Within 25 mi	Make immediate 180 left turn and climb to 4,000 on E leg within 15 mi of rance	station (Being revised)	Olimb to 2 030 on N'leg	Turn right and elimb to 3,500 on N leg within 12 mi. of range station, then	continue to climb to 5 000' (Being rovised)	(Being revised.) Climb to 2,40° on NE leg. *Of must be made over rig. and maintained to Phillip Billard Arpt. Wea- ther bet rig and Arpt must be equal to or better than	Olimb to 2,200 on NW leg within 25 mi	(Boing revised)	(Being rovised)	(Being rovised) Climb to 5 200' on B lez	Climb to 2,200' on SW leg	Climb to 1,650° on SE lez within 23 mi.
Sill	4.	Vis.	900		0000	0 :0	0000		0 :0	0000	1000	Disc			4444 0000	1 2 0 0 1	100
y minim	Night	Coll (t)	888	 88 -	1,000 300	8 ^X 8	8888	2000	1, 500 1,	8888 8888	1888	888	8888		1 8888	를 ::	8 188 1
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Ceiling and visibility minimums	Day	Cell ((t.)	200	38	1 2888	2,7,8 2,7,8	8888	- 1 8888 8888	1, N. S. A.	8888	18888	588	8888		, 8888 8	: : : : : : : : : : : : : : : : : : :	5 i88
Gell .			ಚ್-	464	#o4H	agos		まらくま	ಚ∞∢	6446	にはる人で	ಚಿಂದ <	ERS	(E1	₩ø∢H	#SQE	মতবদ
Station to airport	15.0	(iii)	5.3	0	2	2.8	2 6	4	8	9 Z	121	22	e.	3.0	4 8	I.0	1 6
		bear	8	182°	123°	251	123	10°	236°	168°	100	310	252	021	260	225	1240
	Min alt over range	appř	1 300'	1 300	2006	2, 740		1 300	1 880	ı	1 000	1 600		1	5, 500	1 600	1,160
	Procedure turn min. at distances from radio rango station		888 777 766		25 ml -1 800° 8 8100 w (eg 25 ml -1 400 w 8100 w (eg 10 ml -1 400 w 8100 w (eg 15 ml -1 400 w 8100 w (eg 25 ml -1 400 w 8100 w (eg 25 ml -1 400 w 8100 w (eg	10 ml -4 000' S sido E leg 15 ml -4 000' S sido E leg 20 ml -4 000 S sido E leg	mi —4 000 s sido E	10 mi — 1 800 E sido S leg. 15 mi — 1 800 S sido E leg. 20 mi — 1 800 E sido S leg. 25 mi — 1 800 E sido S leg.	12 mi -3,500 W side N leg 15 mi - NA 20 mi - NA	Ē	10 ml +2 400 S side SW leg 16 ml -2 400 S side SW leg 20 ml -2 400 S side SW leg 25 ml -2 400 S side SW leg	10 mi -2 100 E sido SE leg 15 mi -2 400 E sido SE leg 20 mi -2 400 E sido SE leg	mi.—2 400' E side SE		10 mi.—6 600' 8 sido W leg 10 mi.—6 600' 8 sido W leg 15 mi.—6 600' 8 sido W leg 20 mi.—6 600' 8 sido W leg 25-mi.—6 600' 8 sido W leg	10 mi.—2 550 N sfd 16 mi.—2 600 N sfd 20 mi.—2 600 N sfd 25 mi.—2 600 N sfd	######################################
	Final appr leg		₽	≱	MM.	A		ω \ 	z		811	38	\1		H Day	NE	A N
	Shuttle		None	Nono	None	None		None	None		Йоцф	None	1	!	iold. Fly contact from None	None.	None
	Min. initial appr. alt. from the direction and radio ix indicated		N-1,800 (SW leg Lafayette). E-2,000 (Indianpolis range)	V—1,500 (Edingham range) N—1,500 (Edingham range) N—1,500 (BW leg Lafayotto). E—2,000 (Indiamapolis range)	W—1,500 (Efficient range). NE—1,600 (Efficient range). NE—1,600 (SW leg Little Rock) SE—Min. enroute alt. W—1 600 (Sulphur Springs range) W—1,600 (WW leg Shrovoport).	NE—8,000′ (Yakima rango) E—4,000′ (Pendleton rango) S—7,000′ (Redmond rango)	W-7 000' (Portland range)	(No procedure authorized.) N—2 000′ (SW) log Whidsor) N—2,500′ (SW) log Whidsor) S—1,500′ (S log Romulus) S—Min. enroute alt S—1300 (Bowling dream, IIII), final	N—2,000 (Mar 10g ft., Wayne) N—5,000 (Scattle range) E—Min. enroute alt. S—5,000 (Portland range)	W-Min enroute alt	NE—2,400' (NW leg Kansas Olty) SE—2,400 (WW leg Kansas Olty) SW—2,400 (NW leg Lobo). NW—2,400 (NE leg Marshall)	NE-Min enroute alt. SE-Min. enroute alt. SW-Min. enroute alt.	NW-Min curoute alt		(Make jet-down to Davis Monthan Field. Fly config. None E-5,200 (Amarillo rango) S-Min. enroute ait. W-2 for Cotto range).		NW -2.700 (Ster fine Fin.) NW -2.700 (Ster fine Fin.) NW -2.700 (Ster fine Fin.) NE-1.600 (W 1:3 Sheveport) SW -Min. center all: SW - Min. center all: NW -1 (60 (E) its Dallas)
	Station		Tere Hauto Ind.: Hulman Airport el 635	Paul Cox Airport el 485	Texarkana, Ark: Texarkana Air port el 389'	The Dalles, Oreg: The Dalles Air port el 236'	A.S	Tinker (Oktanoma City), Okia Toledo Ohio: Toledo Airport el 623	Toledo, Wash.; Toledo Winlock Airport el 371,	F.	Topoka, Kanas: Topoka AFF) el. 1,078	Traverse City, Mich: Traverse City Airport el. 623'	TH Olty (Bristol), Tenn: TH Olty Airport el 1518	Trinidad, Colo : Trinidad Airport,	Tuccon, Ariz Davis Mouthan Field, el. 2 692 Tuccon Airport, el. 2 695' Tucumcari, N. Mex : Tucumcari Airport el 4 064'	Takes Okla : Takes Airport el 674	c: Pomls Fl.1d el 543

Friac	<i>ty</i> , 1	u arcı	n 19, 18	948				F	EDERAL	. REGISTE								1449
Tollar 150 de la contra 1	If yeard conduct not estro lished over atriort at authorized landing min- finance or if landing not	—poysildmooo	Olimb to 1 200 on NW log	(Boing revised)	(Being rovised)	Olimb to 2 500 on NW lez	Olimb to 1 000' on N leg with in 25 mi	Climb to 5 000' on SW 103 within 20 ml of rango sta tion	Olimb to 2 009' on SW leg	•Hills with obein approx 329 immediately E. Proceedadt/N Electromreatin (419); if not etc 2 mis from mer cite, accounts miccol approach.	crocs rug at 767 may be clarked after paring Alexandria LEM, If LEM, 18 LEM, 190 cover rug is 1,607.	3.07 Immediately in Proceed out ND Fra from ring (419); If not cto 2 mil from ring (419); If not cto 2 mil from ring common miccol opportunity from process.	TO MAN TO THE OF	19 1,600 on ND 187; Climb to 1,600 on ND 187; "Decent to cross ring station at 700 may be started after passing LPM. If LPM part revi finel companied	Over rango 1s 1,000' on W 1c; within 25 miles	Climb to 1,285 on NW leg within 25 mi		(Being revised)
sun	it .	Vls.	H324	2.0	,600 1000	10000	00000	002 .00	5				-	2 :00 0 :00	223	200900 200900		
Colling and visibility minimums	Night	- S	1 200000	1,600	., ., ., ., ., ., ., ., ., ., ., ., .,	.i 18888	58888	888488 2.2.3	S ZZZZ		£3			8 8 8 8 8 8 8 8	288		•	
ristbill	A,	(HE)	##8# 2000	10	.00c	10000	0000	in-	- HHQH					1 :00 1 :00		1		
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S S			#m <h< td=""><td># o</td><td>464ª</td><td>人では8</td><td><522°</td><td>₹</td><td>4 K848</td><td></td><td></td><td></td><td></td><td>まる人や</td><td>∺a-</td><td>ニャスロイル</td><td></td><td></td></h<>	# o	464ª	人では8	<522°	₹	4 K848					まる人や	∺a-	ニャスロイル		
Station to airport			2,8	3.0	% %	2.7	9 6	e 6	3 0	9	-			0.0	ei ei	લ		
I		bear	313°	161°	316°	310°	8	182	174°	410	Ę.	3		និ	927	310°		
Min nlt	over rango final	appr	,000			1 800	1 400	7 200,	2000	1 600	-	0		1 600'	2,480	,000		
	Procedure turn min, at distances from radio rango station		10 ml —1,100 E sido SE lor 15 ml —1 100 E sido SE lor 20 ml —1 100 E sido SE lor 25 ml —1,100 E'sido SE lor	.1		10 ml,—2 300' N sido SE log 16 ml —2 300 N sido SE log	20 ml —2 300 N sido BB leg 20 ml —2 300 N sido BB leg 10 ml —1 600 B sido B leg 15 ml —1 600 B sido B leg 15 ml —1 600 B sido B leg	25 mi — 1,000 E 5100 S 104 10 mi — 3 000 W 51do NE 105 10 mi — 3 000 W 51do NE 105 10 mi — 3,000 W 51do NE 105 27 mi — 3,000 W 51do NE 105 27 mi — 3,000 W 51do NE 105	Walls AFF to Mertin Aliport 1 10 ml1,500 W oids NE leg 15 ml1,500 W oids NE leg 25 ml1,500 W oids NE leg 25 ml1,500 W oids NE leg	10 mi -1,000 E oldo 8W ter 10 mi -1,000 E oldo 8W ter 20 mi -1,007 E oldo 8W ter 23 mi -1 007 E oldo 8W ter	-1.00' B. eldo SW ter	LOWI — JOOY E CIO SW ICH. SHI — JOOY E CIO SW ICH.	.,	10 ml,—1,007 II el lo SW lez 16 ml,—1 000 II eldo SW leg. 20 ml —1,007 II eldo SW leg. 23 ml —1,007 II eldo SW leg	10 ml,—2 000' N sido E leg 16 ml,—3,200' N sido E leg 20 ml,—3,200 N sido E leg	25.mi – 3.20° W 840° E3 ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °		•-
	Final appr leg		E .			38	60 2	NE	Wella	ВЖ	BW W			жs	A	33		_
	Bhuttlo		Nono			Nono	None	no	y contact from	None	None		6	None	None	Nono		
	Min. initial appr. alt. from the direction and radio fix indicated	N.	NE—1,400 (NW log Tallahasseo) SE—Min. enroute alt. SW—Min. enroute alt. NW—1 200' (E log Eglia)			NE-2,200' (W leg St. Louis) SE-3,000' (W leg Advanco).	B.W.—**Ard (Springland rango) N.W.—**2.00° (8 log Columbia) N.—1,000° (Dallas rango) S.—1,000° (Navezota rango) S.—2,000° (Avezota rango)	NW—1,700 (8 leg ff Worth) NE—5,500 (8 pokano mngo) 8E—7,400 (8 pokano mngo) 8W—5,000 (8 leg Pendleton) NW—Min.emouto alt.	(Make let-down to Wella Walla AFF, Fl. Mo ME—2,007 (W let Memphé) S—2,007 (W let Memphé) SW—Min. enroute alt	NE—1,560' (W let Baltimoro). SE—1,500' (S let Hallimoro). SW—1 GG' (N let Richmond) SW—1,600' (Ric, Vernon FM), SW—7,00' (Alexandric LFM), final † NW—1 EW' (E let Front Royn)	NE—1,507 (W let Baltlmore)	BE—1, cor' (8 keg Infilmence), SW—1 cor (N keg Infilmence), SW—1, cor (NK, Vernence FAI), SW—2, cor, (Alexandria, LEW), danl † NW—1, cor' (E. leg Frant Royal)		NE-1.630' (Wher Baltimore) SE-1.500' (Sher Baltimore) SW-1.630' (Nher Richmond) SW-1.600' (Nh. Permore) SW-1.700' (Alexandrich Livin),	N W—1,50V (15 feg Front Moyal) N—Min. enrante obt E—3.20V (Willmar range) E—Alia, enroute alt.	W—Min, enroute alt. NE—Min, enroute alt. NE—JOW (Aydlette FM) SE—Min, enroute alt. SE—I,090' (Manteo FM)	BW—Min, enroute alt, BW—J,29v (Edenton PM) NW—Min, enroute alt, NW—J,20v (Bouth Mills FM)	
	Station		Tyndall (Panama Olty); Fla: Tyndall Fleld el 16' Utlea, N. Y.:	Utica Airport, of 625	Rome AřF, el 487'	Vichy, Mo : Vichy AFE, el 1 120'	Waco, Tex.: Waco Airport, el 500'	Walia Walia AFF el 1237	rut Ridg	Anocella NAS, et 10	Bolling Field, el 20'			Weshington National Alryort,	Watertown, 8, Dak: Watertown Alrport, el 1,746	Weeksville, N. C ; Elkabeth Olty OGAS, el 10'		Wendover, Utalı; Wendover Field, el 4,210'

7490							K	OFE3 %	HAD WE	GULATIO	142								
Texton onton not actal	lished over alroot at authorized landing min imms, or if landing not	accomplished-	Olimb to 3 000' on N leg.	(Boing rovised)	Olimb to minimum enroute altitude on E lez	(Boing rovised.) (Boing rovised)	Turn loft and return to rango station, then elimb to 9,000' on E leg within 25 mi.	Olimb to 1 200 on SE leg	Olimb to 2 500' on 8 leg.	Olimb to 2 500 on NW log within 24 mi	Make climbing left turn and climb to 3 100' on SW leg	(Being revised.)	(Being revised.)	(Being rowked)	Climb to 2 400' on N lez.	Offmb to 2,000' on SVF leg and adviss	Olimb to 1,ETO' on S lez-	If contact not established over thems established out NW less, climbing to 2,300, 633 tank on alreget.	LAIV FEED WORDS OF SIV Lig 10 mL out. (Boing revised)
sman	ht	VIS.	લં	, બુલ લા જ		100	000 100 876 166	H1811 0000	H221 0000	1164 0000	11	4,	1.0	2	·444	90000 11111	2222	822 83 800 80	444 004
Colling and visibility minimams	Night	# G	<u> </u>		# # \$888888	188	- 4, 4,- 888788	2888	3888	1, 30,050 30,000						3888	<u> </u>	888 88 888 88	# <u>#</u>
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ling and	Ã	85 E	845 11,00		<u> </u>	188		1, 98888 89888	2888 1	8888 1	1,28 NAN 1,28	 8888 8888	<u> </u>	888	<u> </u>	38888 	<u> </u>	888 8 8 4 4 4	1 <u>1</u>
<u> </u>			ctα-	46 48∞<	464046	H 00 -	ムモ取る水圧	RSAF	보호석타	Reade	k¦αv∢	1644	⊢ #∢		HH:o-	4EH00	4EH20	식단점의 적단	러스타
Station to airport	Dist		1.1	- 64	4	93	, K	es 	# 8	H	4.0	<u>بر</u> 8	4 64	2.0	8	ц	23	9.	17
<u>}</u>		bear	22	- g		383	183	130°	167°	302	16	248°	24	ğ	357°	241°	130	333	ţţ.
Min. elt	range	appr	1 800'		, 80		000 4	700	2 300,	1 700'	2, 600	İ	1		1,800'	1,000	1,000,	1,330′	
	Procedure turn min. at distances from radio range station		10 ml —2 600' E sido S leg 16 ml —2 600 E sido S leg 30 ml —2 600 E sido S leg	mi —2 500 E sido S	10 ml —1 200' S sido W leg 15 mi —1 200' S sido W leg 20 ml.—1 200 S sido W leg 25 ml —1 200 S sido W leg		10 ml.—8 000 N sido E log 16 ml.—8 000 N sido E log 20 ml. 9000 N sido E log 26 ml.—8,000 N sido E log	10 mi —1 200 S sido NW leg 15 mi —1 200 S sido NW leg 20 mi —1 200 S sido NW leg 25 mi —1 200 S sido NW leg	10 mi — 2 800' W sido N log 16 mi — 2 800' W sido N log 20 mi — 2 800' W sido N log 26 mi — 2 800' W sido N log	10 ml 2 200' E side SE leg 16 ml 2 200 E side SE leg 20 ml 2 200' E side SE leg 26 ml 2 200' E side SE leg	10 ml —3 100' S side SW Jeg 16 ml —3 100 S side SW Jeg 20 ml —3 100 S side SW Jeg	-3,100' B sido SW	so a divisional sale sale services		12,300, H			20 mi — 100 to state Site; 20 mi — 100 to state Site; 10 mi — 100 to state Site; 10 mi — 100 to state Site; 20 mi — 100 to state Site; 20 mi — 1,500 to state Site;	
	Final appr leg		σ ₀		₽		Ħ	AN	z	33.53	81		ļ·		00	R	w	55 E3	
	Shuttle		Мопо	-	None	, ,	None	None	None	None	None	l		:	None	None	None	Хопе	
	Min. initial appr. alt. from the direction and radio fix indicated		N—3 000' (W leg Boston). E—2,600 (NE leg Hartford) 8—2,600' (NW leg Hartford)	NW-4,000' (Albany rango)	N-1,500' (SE leg Melbourno) E-Min. enroute alt E-1,500' (Minni rango) W-Min. enroute alt		N—10,600' (Holona rango)	NE-1,200' (N log Orestview). SE-1,200' (M log Orestview). SW-1,200' (N log Poussooil.) NW-1,200' (N log Poussooil.) NY-1,200' (N log Poussooil.)	NE—2,800 (W log Chante) = 2,500 (W log Tuisa). 8W—2,000 (W log Tuisa). 8W—2,000 (V lois FM M). N—2,500 (V lois FM).	N=-2.00 (Ketol F.W.) Innal NE=-2.00 (S leg Oklahoma Olty) SB=-2.200 (N leg Ft Worth) SW3.00 (Ableno rango) NW3.00 (Olarendon rango) NW2.600 (NE (Pstual) leg Ohli dress VHF rango)	E-3,400 (NW leg Laduardia) S-3,500' (W leg Allentown). SW-3,100' (E leg Williamsport)	N-3,300' (SE leg Elmira)			N-2,400' (SE leg Alexandria). E-2,300' (NW leg Minneapolis) E-2,300' (NE leg Sinne Fedie)	W—320° Waterfown range station. NE—2,00° (NW leg Lakchurst). SE—2,00° (NE leg Philadchphi). SW—2,00° (N leg Philadchphi).	NW—2,000' (6W leg Allentown) N—2,000' (W leg Philodolphia) E—1,000' (S leg Philodolphia)	W-2.00 (0 W kg Mm/H), W-2.00 (W kg Mm/H), WE-1,TW (SE leg Selfridge) SE-1,50 (Olyeland maysetation) SY-2,50 (Olyeland maysetation) WW-2,50 (W V) Selfridge) WW-2,50 (W V) Se	(company on a) too t—II a
	Station		Westfold Mass.: Barnes Airport ol 268'	Westover (Chicopea Falls) Mass: Westover Field of 244'	West Palm Beach, Fla.: Palm Beach International Airport, ol 18,	Oak Harbor NAB, ol. 8. L. Whidbey Island NAS ol. 17	Whitehall Monk.: CAA Int Field, al. 4 665'	Whiting (Milton), Fla: Whiting Field NAS-North, el 200'	Wichits, Kans.: Wichits Airport, el. 1372	Wichlia Falls, Tex : Wichlia Air port, el 1 029'	Wilkes-Barro, Pa.: Wilkes-Barro-Scrauton Airport el 950'	Wyoming Valley Airport, el.	Williams, Calif.: OAA Int. Field,	Williamsport, Pa.: Williamsport, -	Wilmar, Minn.: Wilmer Alrport, el. 1 130'	Willow Grove, Pa.: Willow Grove NAS el 369	Wilmington, Del.: New Costly Co. Altport, of 70	Windon, Consda.: Detroit City Airport, el. 637	Wink, Tex. Wink Afrost et 2,821

I	rıda	y, A	Iarcl	i 19,	, 19				
	If visual contact not estab	lished over alread at authorized landing min-	-poqui	(Being revised)	(Boing rovised)	Turn right and climb to 4,000' on NW leg within 10 ml. of range station, make procedure turn on N side	Olimb to 2 600' on 8 leg	Ollmb to 3 600 on S legwith in 20 mi of range. If posi tion not certain elim tob emerg alt of 6 000'	
	sum	Night	'M' (mig.	ი ი ი	0	೧೦೦೦ ಬಬ್ಬಬ್ಬ	3112	-446-	
	Colling and visibility minimums	lN.	Coll (ft)	1,000	ලි •	5888 88888	888	88888 ~	
	visibilit	Day	Vis.	00		0000	300	1222	
	ng and	ũ	GG (£¢	1 88 80 80	300	1 58888	888	28888 288888	
				#4	E	れる人で	∺∞≺	まねらくま	
,	Station to airport			1 5	1 2	4 7	ь 4	13 80	
			bear	130	328	267	185°	166°	
	Min. ali	rango	appr		• .	3 000	7,000	2, 500	
		Procedure turn min, at distances from radio rango station			4-,	10 mi4,000 8 sido 8E log 15 mi4 000 8 sido 8E log 25 mi4 000 8 sido 8E log 25 mi4 000 8 sido 8E log	mi —2 200' W sido N mi —2 200' W sido N mi —2 200' W sido N	25 ml 2 200 W sido N leg 16 ml 3 000 B sido N leg 25 ml 3 000 B sido N leg 25 ml 3 000 B sido N leg 25 ml 3 000 B sido N leg	
	1	appr Jos				व्ह	z	z	
		Shuttle		J	-	Nono	Nono	Nono	
		Min, initial apprait, from the direction and radio fix indicated				NE—6,000' (E log Ellonsburg). 8W—8,000' (WW log Pouldbon) 8W—8,000' (Tho Dalles range station) NW—Minimum enroute altitude	N-2 200' (SW log Brio) E-2 200' (S log Brio). S-2,600' (NW log Pittsburgh)	W—2.200 (WB 1gt Afron). N—5 000 (Blythe range station E—4,000 (Glia Bead range station) B—Minimum erroute altitude. W—3 000 (El Centre range station)	ıg systems
	,	Station		Winslow, Ariz: Winslow Airport, ol 4 037,	Winston-Salom, N. C.: Smith	Yakima, Wash.: Yakima Go Afr port, di 1,077'	Youngstown, Ohio: Youngstown Airport of 1178'	Yuma, Ariz : Yuma Go Akport, ol	(b) Instrument landing systems

			KEGI	SIEK												149
	If yisual contact not estab	isaca at authorizea kaid ing minimums, or if landing not accomplished	Climb to 10 600' on W lez	Climb to 8 GOF on 8 leg	Climb to 3 550' on NW leg	Climb to 2,659' on NV 123 of Austin Vitalia 25 mi	Climb to 1,500' on 8 leg Brownsvillo range,	Climb to 2,000 on SW leg	Climb to 1 600' on E len	Olimb to 7,607 on S lex	Climb to 2,650 heading 8 on N lea Harrey range,		Olimb to 2,100' on N leg to	1 CT 11 CT 11 A	Climb to 2,000' on BE leg of ILS	
	ន្ទ	ej A	9%	1.5	7,5	20 20	7,50	500		11°	1.5		•		1.5	
	Mfnimums	Cell	88	8 8	88	88	88	\$8	<u> </u>	460	253 ,	,	7007	.	4 80,	
			K.	Ka	H3	#20	ಜ್ಞ	K 2		ದ್ವ	##		R ₂	2	<u>ಜ್ಞ</u>	
	Dist from middle		3, 823'	3 314'	3,635	3.63	3 633	3 63	3,410	3 523'	4 171'		3 203		3, 696	
	Alide path alt over markers	Middle	5, 540	3 810	1 280,	ğ	និ	609	239,	6,350°	, 838		1 000		069	
		Outer	0 290	2	2,000	2,016	133	700,	1,03	7 589	3 18		1, 600,		1, 500	
	Min. olt. ot	path nter ception	8,600	4 78	2,100	2,103′	1 330,	33	1,33	7 500'	3,220,		3,18		1,700'	_
		Procedure turn min on ILS	8 000' W sido S leg	4 760° N oldo NE leg	2 100 E sido SE leg	2,100' E sido 8E lez	1,200 W cldo N lc3	1,500' N sido NE leg	1,200' W eldo NW les	7 500 N sido E leg	2,220' E eldo NN lez		2 160' W side S leg	Union FMD	1,700' N aido NW leg	
	Final ILS	outpound:	349° 8 169° 8	SSO NE	320° BE	288 288 288 288 288 288 288	çç	ESS NE	ANN SEE	Sign English	132° NW 312° NW		3000	3	120° NW 300° NW	
-	•	Min alt. (ft)	8,0 8,0 8,0 8,0 8,0 8,0	<u> </u>	2, 100	444 3절절	88	88	125 125 125 125 125 125 125 125 125 125	8888	-44 222	99 25	3,18	44. 58	55 55	1,700
		Dist. (ml)	11 5 10 3	445 544	5 G	75. Things 25.0	120	000	3014 340	ಚಿತ್ರವಾಗಿ ಬಿತ್ತದ	i-q oox	7.0	31 0	777	4.4. Cu	0 0
		Man. ORS (degg)	555 555	នដ្តន	143	ก็จัด	នួក្ខ	នន៍	128	828	88	555	8	380	341 101	300
	Transition to ILS	Т0	Peralta FM Outer marker	NE ka ILS. Ouce marker	Outer marker	NW ICTUS BE ICTUS	Nice ILS Nice ILS	SVI CO ILS	ILS lecaliter. Outer marker	NW lcg ILB Outer marker IS icg ILB.		Outer marker Outer marker	Outer marker	Outer marker Chein Int. 8W leg Chein	NW leg ILS NW leg ILS	Outer marker
numb systems		From→	Albuquerque Ronge Peralts FM	Amarillo FM. Thankillo Fallo Fallo Fallo FM. Int. 8 kg Amarillo Fallo Fa	Int. Atlanta rango and SE	Austin Ango.	Brownsville range	SW lea Buffalo	Charlesten rango. Int. 13 leg Charlesten and	Charlesten rango Chaycomo rango Thilisdato FM.	Olicago rango Int. SE leg Olicago and	Franklin Park FM	Int. NW leg Cincinnationd	Union FM.	Int. 15 leg Fort Worth and	Int. E log Dallas and
CD THEST WHENCE THE THE SHEETS	Initial approach to ILS	shall do mado on following ranges	Albuquerque, N Mex.: Kirk- land, Airport el. 6,230'	American Text: English Field el 3 CM (110.3 mcs)	Atlanta, Go.: Atlanta Alr pert, el 1 635' (163 9 mes)	Austla, Tex.; Mueller Afr- pert, cl 639' (109 5 mes)	Brownsville, Tex.: Interna- tional Airport, el 22'	Buffelo, N. Y: Buffelo Ale-	Charleston, 8 C.: Charleston Alrpert, el 45' (110 3 mes)	Cheyenne, Wyo: Cheyenne	Chieses, Ill.: Chieses Air port, el 618' (100 0 mes)		Cincinnati, Obio: Greater	(50 0 mc) (50 0 cot)	Dallas, Tex: Love Field, el 483' (110 3 mes)	•

If visual contact not estab	lished at authorized landing minimums, or if landing not accomplished	Climb to 2,200 on N leg Dayton to W leg Colum bus	Olimb to 8,300 on S leg Denyer (LF) range within 26 ml	Climb to 2,000' on NE leg. ILS to N leg Romulus Range	Olimb to 8,000 on S leg El Paso range. "Malutain 8,000 and remain on E leg El Pasos range until position estab." Wor Hurco	Mountain FM. Olimb to 2,000' on S leg Ft. Worth range Ohr: Do not descend below glide path, hidr. 283' below glide path,	24 ml. S of outer marker. Make 189° turn to right and climb to 8,000 on NW leg. of ILS to Int. of NW (sural) leg Grand Jet. and NW leg ILS, then proceed to Grand Jet. ange climb ing for 11 one Conserved.	und of the control of	Olimb to 1,600' on S leg Jack- son range	Climb to 1 200' on N lez Olimb to 4,000' on W lez of	intersection. Climb to 1,80° on N lez of Memphis range	Climb to 2,160' making right turn to 270° to S leg-Molins range.	Climb to 1660 on NE 123 ILS, turn left climbles to 3,000 on NW 123 Newark, Climb to 1,460 on NE 123 of New Otleans runs.	
87	Vis	1%	3%	110	1.5	1.5	64 00	31 02 31 02	1.5	1,5		110	72 72 72 72	
Minimums	Cell	400,	400 400	200, 400	98	500 100 100 100 100 100 100 100 100 100	1, 800, 800,	600 400 400 400	604 7004	56 56	§ §§	2007 4007	<i>\$</i> \$ \$\$	
	}	ದ್ವರ	tt as	H 00	# ca	ස්ත	P4 03		tt a	# a # a	n Ha		Ha Ha	
Dist from	mrkr. to app. end of rawy	3 529	3, 462'	3 472'	3 578	3 749	3, 683	3 529	3 696	3 529'	3,683	3,749	3,281	
path alt markers	Middle	1 307′	5, 500'	1,016'	4 138′	, 950′	5 046'	350'	£2	260, 1 285	457	730	33. 36	
Glide	Outer	2 100	6, 300'	1 900	4, 975′	8	6 100	1 130	1 300	1 850	1 600'	1,800	1,040	
Mfn. alt. at	glide path inter ception	2 200	6, 300'	2 000	2,000	2 000	6, 100′	1 200	. 1 400'	1,200′	1,700′	2,100	1,400′	
	Procedure turn min on ILS	2 200 S side SW leg (to be made 2 min SW outer marker)	6,300 B side NE leg.	2 000 S side SW leg (to be made 2 min SW outer marker)	6 000' N side NE leg	2 000' W side N leg	8,000 W side NE leg	1 200 S side SW leg 1 900' S side SW leg (to be made not less than 2 min SW after marker)	1 600' S side NW leg	1 200' S side SW leg 2,500' W side SW leg	1,700' S side W lez	2,100' W side NW lez	1 400' S side SW lez 1 400' S side W lez	
Rina) IT.9	app. leg.: inbound; outbound	55 SW 235 SW	200° NE 200° NE	50 SW 230° SW	217° NE 37° NE	173° N 363° N	110° NW 290° NW	35 8W 215 8W 44° 8W 224° 8W	103° NW 285 NW	224 SW 224 SW 44° SW	M .932	131° NW 311° NW	23° SW 23° SW 53° W 23° W	 :
	Min alt: (ft)	20000		e, 80 60 8 88 88			000 8 1 8 8	8888888	200 02	8 888		944 88	25 25 25 25	1,430
	Dist. (mi)	1883		25 L2 L3 L2 C				61887-610 H		4 444 100	4000 4000	2 1 2 2	၀၀ ရဆ ၀၀	101
	Mag. ORS (degs)	200 125 55 55	2002	233 233	357 37 290	Atrange 185 215	,82 83.	25 25 25 25 25 25 25 25 25 25 25 25 25 2	825 88	22 02 118 193 193 193	3488	174	an Ex	E C
Transition to ILS	То	SW leg ILS SW leg ILS Outer marker Outer marker		Outer marker SW leg ILS Outer marker SW leg ILS SW leg ILS	NE leg ILS Outer marker Newman MHW NE leg ILS	N leg ILS N leg ILS N leg ILS	Int NW (aural) leg Grand Jet and NW leg ILS Int. NW (aural) leg Grand Jet and NW leg ILS	SW leg ILS SW leg ILS SW leg ILS SW leg ILS SW leg ILS SW leg ILS Outer marker	NW leg ILS	Localizer SW leg ILS. :	W leg ILS W leg ILS Outer marker	NW leg ILS Outer marker	SW leg ILS	outer marker
	From—	Dayton range Verona F.M.: Int S leg Dayton and S.W. leg ILS. Int E leg Dayton and S.W.	leg II.S. Denver (J.F.) range —— Henderson IM. —— In. No leg II.S. and F leg Denver (L.F.) range. Int. No leg II.S. and S leg Denver (L.F.) range.	Int. W leg Donyer (VHF) range and NE leg ILS saline FM. Int N leg Romulus and NE leg ILS. Romulus range. Int. N leg Toledo and SW Int. N leg Toledo and SW	leg Windsor El Paso range Int W leg El Paso and SW leg ILS, Rucco Mountain FM* Newman MHW	Falls		Houston range Houston FM Arcola FM Clayton FM Indianapolis range Int. E leg Indianapolis and SW leg ILS. Int. S leg Indianapolis and	SW leg ILS Jackson range Jackson range Int. S leg Jackson range and	localizer Int. N leg Jacksonville and NE leg ILS. Jacksonville range — Bryceville Fig. Enoxyille range —	NE leg ILS. Memphis range Bruins FM Cubo FM Int. NE leg Memphis and	Moline range Int Weg Moline and NW	Newark range Int. SE leg. Allentown and SW 127 Newark. New Operations range.	Int. S let New Orleans and E leg ILS
o Initial approach to ILS	shall to made on following ranges	Dayton, Ohio: Dayton Air port el 1007 (1103 mes)	Denyer Colo.; Stapleton Field el 6 320' (110 3 mes)	Detroit, Mich.: Willow Run Alrport el 716' (199 6 mes)	El Paso, Tex.: Anderson Field el 3'936' (109 5 mes)	Fort Worth, Tex.: Meacham Field el 692' (109 9 mès)	Grand Junction, Oolo.; Walker Field el ,4842 (1103 mcs)	Houston, Tex.: Houston Air port el 50' (109 9) mes) Indianapolis, Ind : Indianap olis Afriport el 796' (109 9 mes)	Jackson, Miss.: Hawkins Field el 343' (109 9 mcs)	Jacksonville, Fla.; Jacksonville Akport No 1 el 62 (110.3 mcs) Knovville Tenn; McGhee-	Airport el 263' (109 9 mes)	Molire, III.: Moline Airport el 530' (110.3 mcs)	Newuk, N.J.: Newark Air- port el. 18' (110.3 mcs) New Orleans, La.: Moisant International Aircort el.	3' (109.9 m m)

Friday, March 19, 1948 FEDERAL REGISTER										ISTER	
If visual contact not estab lished at authorized land ing minimums; or if landing not accomplished		Olimb to 1500 on NE log ILS	Olimb to 2 700 on N leg Oklahoma Olty range	Olimb to 2,500 on SE leg of Omaharange wikhin 25 mi. Olimb to 1,700 on NE leg Philadelphia range	Olimb to 1,600 on NE log vin intersection NE log localizer to NE leg mage	Olimb to 2,000' on W leg within 25 mi	Olimb to 2,600' on N leg Alamo muge	Olimb to 3,000' on S lez	Olimb to 2,250' on NW leg Tules maree.	Climb to 1,800' on NE leg of Washington range	Climb to 3,653' on NE lez within 23 mi
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	Outor	1 350	2 450'	2, 200'	1 350'	1 620	2 050	2, 100	2,023	1,566	3,709
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Procedure turn min on ILB		1 500' S sido SW log	2 600 E sido S leg	2 500° W side NW log 1 500 S side W leg	1,500 S sido SW log	1 620' N side NE leg	2 200' W sido SW leg '	2 500 Weldo NW leg	2, 200' E sido 8 leg	J 200' E cido 8 leg	2,560 E oldo B lcz
Finalits	app. log.: inbound; outbound	44° 8W 221 8W	350° S 170° S	135° NW 316° NW 86° W 266° W	48° 8W 228° BW	238° NE 58° NE	31° 8W 211° 8W	123° NW 303 NW	354° B 174° B	860° S 150° S	633° S 183° S
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Initial approach to ILS shall be made on following ranges		New York N Y.: La Guar dia Field, el 10' (100 0 mes)	Oklahoma City, Okla ; Will Rogers Floid, ol 1283' (109 0 mcs)	Omaha, Nobr.: Omaha Air port, el. 892' (110 3 mes). Philadelphia, Pa.: Philadel- phia, S.W. Airport el 10'	Raloigh, N. C.: Raleith- Durham Airport, el 436' (1103 mcs)	ls, Mo.: Lambert-St. Alrport el 552' (110 3	Ean Antonio (Alamo), Tex.: Ean Antonio-Alamo Air port, el E00' (100 0 mez)	Smoky IIII (Ealina), Kans.: Smoky IIIII AFF el 1239'	Tulca, Okla.; Tulca Alrport, cl GW (110.3 mes)	Washington, D. O : Wash Ington, National Airport,	Wichita, Kana, Wichita Air port, el 1,372 (110,3 me.)

This part shall become effective upon publication in the Pevenar Recister [STAL] R Dec 48-2062; Filed Mar 18 1948; 9:00 a. m.]

TITLE 21—FOOD AND DRUGS Chapter I-Food and Drug Adminis-

PART 170-ENFORCEMENT OF THE PEDERAL tration, Federal Security Agency

TEA ACT

TEA STANDANDS

Fursuant to sections 2 and 3 of the Federal Tea Act (29 Stat, 604, as amended by 36 Stat 163 and 41 Stat 712; 21 U S C, 41 et seq), the following standards prepared and submitted by the Board of Tea Experts are fixed and es-

tablished as standards under the Tea Act for the year beginning May 1, 1948, and ending April 30, 1949 Section 170 19 (b) is amended to read as follows:

§ 170.19 Tea standards. • • • • • (b) The following standards prepared and submitted by the Board of Tea Experts are hereby fixed and established as standards under the Tea Act for the year beginning May 1, 1048, and ending April 30, 1949:

(1) Formosa Oolong
(2) China, Congou
(3) India
(4) Japan Green

(6) China Gunpowder (6) Scented Canton (to be used for all

scented teas)
(7) Canton Oolong
(8) Formosa, Black (to be used for Formosa and Japan Black)

These standards apply to tea shipped from abroad on or after May 1, 1948
Tea shipped prior to May 1, 1948, will be governed by the standards which became effective May 1, 1947 (12 F R 1979)

드 Notice and public procedure are not necessary prerequisites to the promulga-tion of this order, and I so find, since it is based upon the recommendation of the

Board of Tea Experts, which is comprised of experts in teas drawn from the tea trade and the Food and Drug Administration so as to be representative of that trade as a whole

T. P. Walght, Administrator of Civil Acronautics

(Secs 2 3, 29 Stat, 605 as amended; 21 USC 41 et seq)

Dated: March 16 1948

Administrator OSCAR R EWING,

R Doc 48-2405; Filed, Mar 18, 1948; 9:05 a m]

TITLE 26—INTERNAL REVENUE

Chapter I—Bureau of Internal Revenue, Department of the Treasury

Subchapter A—Income and Excess Profits Taxes

[T. D. 5607]

PART 29—INCOME TAX; TAXABLE YEARS BEGINNING AFTER DECEMBER 31, 1941

EXEMPTION FROM WITHHOLDING

Paragraph 1. Section 29.143-3 of Regulations 111, as amended by Treasury Decision 5580, approved November. 13, 1947 (26 CFR 29.143-3) is further amended by striking out the fifth paragraph and inserting in lieu thereof the following:

§ 29.143-3 Exemption from withhold-ing. * * *

The salary or other compensation for personal services of a nonresident alien individual who enters or leaves the United States at frequent intervals, shall not be subject to deduction and withholding of income tax at the source if:

Such nonresident alien is a resident of Canada or Mexico, or

(2) Such nonresident alien is engaged in agricultural labor as defined in section 1426 (h) of the Internal Revenue Code.

Par. 2. Because the purpose of this Treasury decision is to relieve restriction it is found that it is unnecessary to issue such Treasury decision with notice and public procedure thereon under section 4 (a) of the Administrative Procedure Act, approved June 11, 1946, or subject to the effective date limitation of section 4 (c) of said act.

Par. 3. This Treasury decision shall be effective upon its filing for publication in the Federal Register.

(53 Stat. 32; 26 U.S. C. 62)

[SEAL] GEO. J. SCHOENEMAN, Commissioner of Internal Revenue.

Approved: March 12, 1948.

A. L. M. WIGGINS,
Acting Secretary of the Treasury.

[F R. Doc. 48-2383; Filed, Mar. 18, 1948;
9:03 a, m.]

TITLE 32—NATIONAL DEFENSE

Chapter VIII—Office of International Trade, Department of Commerce

Subchapter B—Export Control

[Amdt. 398]

Positive List of Commodities

MISCELLANEOUS AMENDMENTS

Appendix A, "Positive List of Commodities," is amended by adding thereto the following commodities:

Dept. of Com- merce Sched- ule B No.	Commodity	Unit	GLV dol- lar value limits
608500	Steel mill products: Woven-wire fencing Wire cable and rope, except insulated.	Lb	100
608710		Lb	100

Shipments of any of the above commodities removed from general license which were on dock, on lighter, laden aboard an exporting carrier, or in transit to a port of exit pursuant to an actual order for export prior to the effective date of this amendment may be exported under the previous general license provisions.

This amendment shall become effective March 22, 1948.

(Sec. 6, 54 Stat. 714, 55 Stat. 206, 56 Stat. 463, 58 Stat. 671, 59 Stat. 270, 60 Stat. 215, 61 Stat. 214, 61 Stat. 321, Pub. Law 395, 80th Cong., 50 U. S. C. App. and Supp. 701, 702; E. O. 9630, Sept. 27, 1945, 10 F. R. 12245; E. O. 9919, Jan. 3, 1948, 13 F R. 59)

Dated: March 5, 1948:

FRANCIS MCINTYRE,
Assistant Director
Office of International Trade.

[F. R. Doc. 48-2382; Filed, Mar. 18, 1948; 9:03 a.m.]

TITLE 33—NAVIGATION AND NAVIGABLE WATERS

Chapter II—Corps of Engineers,
Department of the Army

PART 203—BRIDGE REGULATIONS

HACKENSACK RIVER AND OVERPECK CREEK, NEW JERSEY

Pursuant to the provisions of section 5 of the River and Harbor act of August 18, 1894 (28 Stat. 362; 33 U. S. C. 499) § 203.221 (f) (12 F R. 4963) is hereby amended by deleting the subparagraphs designated "Hackensack River" and "Overpeck Creek," as follows:

§ 203.221 Navigable waters of the United States within the State of New Jersey; where constant attendance of draw tenders is not required. * * * (f) * * *

Hackensack River; Bergen County highway bridges at Anderson Street, Hackensack, at Newbridge, and at Bridge Street, River Edge. At least 24 hours' advance notice required. (Revoked.)

Overpeck Creek; Bergen County highway bridges near Ridgefield Park (Bergen Turnpike) and at Leonia (Fort Lee Turnpike). At least 24 hours' advance notice required. (Revoked.)

[Regs. Feb. 21, 1948 (CE 823.01) -ENGWR1 (28 Stat. 362; 33 U. S. C. 499)

[SEAL]

EDWARD F WITSELL,

Major General,

The Adjutant General.

[F. R. Doc. 48-2370; Filed, Mar. 18, 1948; 8:58 a. m.]

TITLE 43—PUBLIC LANDS:

Subtitle A—Office of the Secretary

PART 2—AVAILABILITY OF OFFICIAL RECORDS

Part 2 of Subtitle A is revised to read as follows:

2.1 Inspection.

2.2 Determinations as to availability of Records.

2.3 Applications

2.4 Charges.

2.5 Opinions and orders.

AUTHORITY: §§ 2.1 to 2.5, inclusive, issued under 37 Stat. 497, sec. 3, 60 Stat. 238; sec. 1, 61 Stat. 521; 5 U. S. C., 488, 1002.

§ 2.1 Inspection. Unless the disclosure of matters of official record would be prejudicial to the interests of the Government, they shall be made available for inspection or copying, and copies may be furnished, during regular business hours at the request of persons properly and directly concerned with such matters. Requests for permission to inspect official records or for copies will be handled with due regard for the dispatch of other public business.

§ 2.2 Determinations as to availability of records. In the first instance, the person whose general duties include the responsibility for the custody of a record shall determine whether the disclosure of the record would be prejudicial to the interests of the Government and whether the person making the request is properly and directly concerned with the subject matter. If a request for permission to inspect records or for copies is denied, the applicant may submit his request to the head of the bureau or office.

An appeal from an adverse decision of the head of a bureau or office may be taken by the applicant to the Secretary. The Under Secretary and the Assistant Secretaries of the Interior are severally authorized to take final action upon any

such appeal.

§ 2.3 Applications. The head of a bureau or office may require that a request for permission to inspect or to obtain copies of official records shall be made in writing and in such form as he may prescribe. The head of a bureau or office may require the deposit in advance of an amount sufficient to pay the charges for furnishing copies.

§ 2.4 Charges. (a) The Chief Clerk of the Department shall establish a schedule of charges to be collected by all bureaus and offices from the public for mimeograph, multigraph, multilith, blue print, photostatic, and typewritten copies of official records. The heads of bureaus and offices shall establish charges for copies made by other processes. All such charges shall be equal to the cost of producing the copies furnished.

(b) A charge of 25 cents shall be made for each certificate or verification attached to authenticated copies of official

records furnished to the public.

(c) No charge shall be made for furnishing unauthenticated copies of any rules, regulations, or instructions printed by the Government for gratuitous distribution.

(d) No charge shall be made for the making or verification of copies of official records which are required for official use by the officers of any branch of the Government.

(e) Money received from the collection of charges fixed under this section shall be deposited in the Treasury to the credit of the appropriation current and

chargeable for the cost of furnishing the copies.

- (f) This section does not apply to the establishment of fees or charges for copies of records pertaining to the enrollment of members of the Five Civilized Tribes, as authorized by section 8 of the act of April 26, 1906 (34 Stat. 136), for certified copies of the records of any Indian agency or Indian school; for certified copies, issued by the Secretary, of the official character of an officer of the Department; or for copies of aerial or other photographs and mosaics sold by the Geological Survey. This section does not apply to other charges specifically established by statute.
- § 2.5 Opinions and orders. (a) Each bureau of the Department shall maintain, in the headquarters office of the bureau or in the field office in which final action is taken, a file containing copies of all final opinions and orders issued by the bureau (including those approved by the Secretary) in the adjudication of cases, except opinions and orders which the head of the bureau or the Secretary may for good cause require to be held confidential and which are not cited as precedents.

(b) The Office of the Solicitor shall maintain a file containing copies of all final opinions and orders issued by the Secretary or the Solicitor in the adjudication of cases, except opinions and orders which the Secretary or the Solicitor may for good cause require to be held confidential and which are not cited as

precedents.

(c) The files mentioned in this section may be inspected by the public at any time during regular business hours.

OSCAR L. CHAPMAN, Under Secretary of the Interior. March 15, 1948.

[F. R. Doc. 48-2368; Filed, Mar. 18, 1948; 8:58 a. m.]

Chapter I-Bureau of Land Management, Department of the Interior

PART 162-LIST OF ORDERS CREATING AND Modifying Grazing Districts

UTAH

CROSS REFERENCE: For order taking precedence over but not modifying the order of the Acting Secretary of the Interior of Sept. 15, 1939, which established Utah Grazing District No. 9, see Air Navigation Site Withdrawal No. 244 of the Department of the Interior in the Notices-section, infra. The Secretary's order is tabulated in § 162.1.

> Appendix-Public Land Orders [Public Land Order 457] NEVADA

REVOKING PUBLIC LAND ORDER NO. 145 OF JULY 8, 1943, WITHDRAWING PUBLIC LANDS FOR USE IN CONNECTION WITH PROSECU-TION-OF WAR

By virtue of the authority vested in the President and pursuant to Executive Order No. 9337 of April 24, 1943, (3 CFR, Cum. Supp.) it is ordered as follows:

Public Land Order No. 145 of July 8, 1943, withdrawing public lands in connection with the prosecution of the war, is hereby revoked.

The jurisdiction over and use of the lands granted by Public Land Order No. 145 shall cease upon the date of the signing of this order. Thereupon, the jurisdiction over and administration of such lands shall-be vested in the Department of the Interior and any other Department or agency of the Federal Government, according to their respective interests then of record.

This order shall not otherwise become effective to change the status of such lands until 10:00 a.m. on May 14, 1948. At that time the lands shall, subject to valid existing rights and the provisions of existing withdrawals, become subject to application, petition, location, or selection as follows:

(a) Ninety-day period for preferencenght filings. For a period of 90 days from May 14, 1948, to August 13, 1948, inclusive, the public lands affected by this order shall be subject to (1) application under the homestead or the desert land laws, or the small tract act of June 1, 1938 (52 Stat. 609, 43 U.S. C. 682a) as amended, by qualified veterans of World War II, for whose service recognition is granted by the act of September 27, 1944 (58 Stat. 747, 43 U.S. C. 279-283), subject to the requirements of applicable law, and (2) application under any applicable public-land law, based on prior existing valid settlement rights and preference rights conferred by existing laws or equitable claims subject to allowance and confirmation. Applications by such veterans shall be subject to claims of the classes described in subdivision (2)

(b) Twenty-day advance period for simultaneous preference-right filings. For a period of 20 days from April 24, 1948, to May 14, 1948, inclusive, such veterans and persons claiming preference rights superior to those of such veterans, may present their applications, and all such applications, together with those presented at 10:00 a.m. on May 14, 1948, shall be treated as simultaneously filed.

(c) Date for non-preference-right filings authorized by the public-land laws. Commencing at 10:00 a.m. on August 14, 1948, any of the lands remaining unappropriated shall become subject to such application, petition, location, or selection by the public generally as may be authorized by the public-land laws.

(d) Twenty-day advance period for simultaneous non-preference-right filings. Applications by the general public may be presented during the 20-day period from July 26, 1948, to August 14, 1948, inclusive, and all such applications, together with those presented at 10:00 a.m. on August 14, 1948, shall be treated as simultaneously filed.

Veterans shall accompany their applications with certified copies of their certificates of discharge, or other satisfactory evidence of their military or naval service. Persons asserting preference rights, through settlement or otherwise. and those having equitable claims, shall accompany their applications by duly corroborated affidavits in support thereof,

setting forth in detail all facts relevant to their claims.

Applications for these lands, which shall be filed in the District Land Office at Carson City, Nevada, shall be acted upon in accordance with the regulations contained in § 295.8 of Title 43 of the Code of Federal Regulations (Circular No. 324, May 22, 1914, 43 L. D. 254) and Part 296 of that title, to the extent that such regulations are applicable. Applications under the homestead laws shall be governed by the regulations contained in Parts 166 to 170, inclusive, of Title 43 of the Code of Federal Regulations and applications under the desert land laws and the small tract act of June 1, 1938, shall be governed by the regulations contained in Parts 232 and 257, respectively, of that title.

Inquiries concerning these lands shall be addressed to the District Land Office at Carson City, Nevada.

The lands affected by this order are in the following described area:

MOURT DIABLO MEMBIAN

T. 11 N., R. 36 E.

Sec. 33, SWMNEM, SEMNWM, NEMSWM, NW14SE14.

The area described contains 160 acres. Available information received indicates that the land is nountainous in character, lying on steep westward slopes of the Paradise Range at an average elevation of 5,500 feet.

C. GIRARD DAVIDSON. Assistant Secretary of the Interior. MARCH 12, 1948.

[F. R. Dac. 48-2366; Filed, Mar. 18, 1948; 8:53 a. m.]

TITLE 46—SHIPPING

Chapter II—United States Maritime Commission

PART 221-DOCUMENTATION, TRANSFER OR CHARTER OF VESSELS

[Gen. Order 59, Amdt. 1, Rev.]

SALE, LEASE, CHARTER, DELIVERY, OR TEAMS-FER OF VESSELS TO ALIENS AND AGREE-MERITS THEREFOR

Paragraph (c) of § 221.7 Approval of charters of certain ressels to aliens is amended by inserting the words "be-tween foreign ports or" immediately following the word "voyages" so that said paragraph (c) as revised shall read as follows:

(c) That is a tank vessel, for a voyage or voyages between foreign ports or between United States and foreign ports, except for the transportation of petroleum products from a port or ports in the Western Hemisphere to a port or ports in the United States, its territories or possessions.

(52 Stat. 964; 40 Stat. 901)

By order of the United States Maritime Commission.

[SEAL]

A. J. WILLIAMS, Secretary.

P

Manch 11, 1948.

[F. R. Doc. 48-2371; Filed, Mar. 18, 1948; 8:46 a. m.]

PROPOSED RULE MAKING

DEPARTMENT OF AGRICULTURE

Production and Marketing Administration

[7 CFR, Parts 725, 726]

BURLEY, FLUE-CURED, FIRE-CURED, AND DARK AIR-CURED TOBACCO

NOTICE OF FORMULATION OF REGULATIONS RELATING TO MARKETING OF TOBACCO, COLLECTION OF MARKETING PENALTIES, RECORDS AND REFORTS FOR 1948-49 MAR-KETING YEAR

Pursuant to the authority contained in the applicable provisions of the Agricultural Adjustment Act of 1938, as amended (7 U. S. C. 1301, 1311–1314, 1372–1375) the Secretary of Agriculture is preparing to formulate marketing quota regulations governing the issuance of marketing cards, the identification of tobacco, the collection and refund of penalties, and the records and reports incident thereto on the marketing of Burley, fluecured, fire-cured, and dark air-cured tobacco for the 1948–49 marketing year.

Consideration is being given to changes in the provisions of the 1948-49 regulations from those of the 1947-48 regula-

tions, as follows:

1. A change in the provision relating to the use of the Bill of Nonwarehouse Sale which would require the execution of this form to cover any sale of tobacco by a farmer to a warehouseman or dealer other than a sale at public auction through a warehouse in the regular course of business. The 1947–48 regulations required the execution of this form to cover all sales except where the tobacco was purchased by a warehouseman and a memorandum of sale was executed by the warehouseman or his representative who was authorized to issue memoranda of sale.

2. The discontinuance in the 1948-49 regulations of the provision in the 1947-48 regulations under which a producer could dispose of excess tobacco by payment at the county office of the estimated amount of penalty due on such tobacco prior to marketing any tobacco from the farm. Provision was made in the 1947-48 regulations for a final settlement after marketings from the farm were completed for determining the cor-

rect amount of penalty due.

Prior to the final adoption and issuance of such regulations, consideration will be given to any data, views and recommendations pertaining thereto which are submitted in writing to the Difector, Tobacco Branch, Production and Marketing Administration, United States Department of Agriculture, Washington 25, D. C. All submissions must be postmarked not later than March 31, 1948.

Issued at Washington, D. C. this 15th day of March 1948.

[SEAL]

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JESSE B. GILMER, Administrator

[F. R. Doc. 48-2372; Filed, Mar. 18, 1948; 9:02 a. m.]

[7 CFR, Part 962]

FRESH PEACHES GROWN IN GEORGIA

NOTICE OF RECOMMENDED DECISION AND OPPORTUNITY TO FILE WRITTEN EXCEP-TIONS WITH RESPECT TO PROPOSED AMEND-MENTS TO MARKETING AGREEMENT AND ORDER

Correction

In Federal Register Document No. 48–2298 appearing at page 1379 of the issue for Wednesday, March 17, 1948, the following changes should be made:

1. On page 1380, column 1, lines 15 and 16, the word "regularity" should read "regulatory." - Ten lines from the bottom of the same column a comma should be inserted between the words "immature decayed."

2. On page 1381, column 1, a period should replace the colon at the end of paragraph (5)

3. On page 1382, column 1, amendatory paragraph (6) line 10, the first "the" should be deleted. In column 2, line 1, the word "agreements" should read "agreement."

FEDERAL SECURITY AGENCY

Food and Drug Administration

[21 CFR, Part 32]

[Docket No. FDC 52]

FROZEN FRUITS, FROZEN FRUITS WITH DRY SWEETENING AGENTS, AND FROZEN FRUITS IN LIQUID PACKING MEDIA

NOTICE OF HEARING WITH RESPECT TO DEFI-NITIONS AND STANDARDS OF IDENTITY AND STANDARDS OF FILL OF CONTAINER

In the matter of fixing and establishing definitions and standards of identity and standards of fill of container for frozen fruits, frozen fruits with dry sweetening agents, and frozen fruits in liquid packing media.

Notice is hereby given that the Federal Security Administrator, in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (secs. 401, 701, 52 Stat. 1046, 1055; 21 U. S. C., 341, 371) will hold a public hearing commencing at 10 o'clock, eastern standard time, in the morning of April 19, 1948, in Room 5541, Federal Security Building, Independence Avenue and Fourth Street SW., Washington, D. C., for the purpose of receiving evidence upon the basis of which regulations may be promulgated fixing and establishing reasonable definitions and standards of identity and standards of fill of container for frozen fruits, frozen fruits with dry sweetening agents, and frozen fruits in liquid packing media.

Mr. Lawrence E. Bobker is hereby designated as presiding officer to conduct the hearing in the place of the Administrator, with full authority to administer oaths and affirmations and to do all other things appropriate to the conduct of the hearing. The presiding officer is required to certify the entire rec-

ord of the proceedings to the Administrator for initial decision.

The hearing will be conducted in accordance with the rules of practice provided therefor.

At the hearing evidence will be restricted to testimony and exhibits that are relevant and material to the subject matter of the proposals.

Proposed regulations that are subject to adoption, rejection, amendment, or modification by the Administrator, in whole or in part, as the evidence adduced at the hearing may require, are set forth below.

§ 32.0 Frozen fruits; identity; label statement of optional ingredients. The frozen fruits for which definitions and standards of identity are prescribed by this section are the frozen foods each of which is made by freezing a properly prepared fruit ingredient or mixture of fruit ingredients specified in paragraph (b) of this section, but do not include frozen pureed fruits. To such fruit ingredient or mixture of fruit ingredients (other than unstemmed currants and unstemmed grapes) may be added an optional sweetening ingredient prescribed in paragraph (c) (1) of this section, or an optional liquid packing medium prescribed in paragraph (c) (2) of this section, in such amounts that the weight of liquid packing medium is not less than _____ percent of the combined weight of fruit ingredient and packing medium. One or more of the optional ingredients named in paragraph (e) of this section may be added. For the purposes of this section proper preparation includes operations necessary for preparing the fruit ingredients for food use, but does not include operations resulting in loss of fruit juice. Fruits which have been in contact with water are thoroughly drained. Peeling of apricots, peaches, and nectarines may be facilitated by scalding with steam, hot water, or lye solution, with removal of the lye solution when it is used. The fruit ingredients, before or after addition of the optional sweetening ingredient or the optional liquid packing medium, may be cooked.

(b) (1) The fruit ingredients referred to in paragraph (a) of this section are:

Diced peeled apricots.
Diced unpeeled apricots.
Sliced peeled apricots.
Sliced unpeeled apricots.
Sliced unpeeled apricots.
Quartered peeled apricots.
Quartered unpeeled apricots.
Halved peeled apricots.
Halved unpeeled apricots.
Whole peeled apricots.
Whole unpeeled apricots.
Pitted peeled apricots.
Pitted unpeeled apricots.
Apricots, pieces of irregular sizes and shapes.
Blackberries.
Blueberries.

Blackberries.
Blueberries.
Boysenberries.
Dark sweet pitted cherries.
Dark sweet partially pitted cherries.
Dark sweet whole cherries.
Light sweet pitted cherries.

Light sweet partially pitted cherries. Light sweet unpitted cherries. Red sour (or tart) pitted cherries. Red sour (or tart) partially pitted cher-

Red sour (or tart) unpitted cherries. Stemmed currants Unstemmed currants. Gooseberries. Stemmed grapes.

Unstemmed grapes. Huckleberries. Loganberries.

Diced unpeeled nectarines. Sliced unpeeled nectarines. Quartered unpeeled nectarines. Halved unpeeled nectarines.

Whole unpeeled nectarines. Pitted unpeeled nectarines.

Nectarines, pieces of irregular sizes and shapes.

Diced peeled freestone peaches. Sliced peeled freestone peaches. Quartered peeled freestone peaches. Halved peeled freestone peaches. Whole peeled freestone peaches.

Freestone peaches, pieces of irregular sizes and shapes.

Diced peeled cling peaches. Sliced peeled cling peaches. Quartered peeled cling peaches. Halved peeled cling peaches. Whole peeled cling peaches.

Cling peaches, pieces of irregular sizes and shapes.

Sliced plums. Halved plums. Pitted plums. Unpitted plums. Red raspberries. Black raspberries. Cut rhubarb. Rhubarb stalks. Sliced strawberries. Whole strawberries. Youngberries.

(2) Any mixture of properly prepared fruit ingredients, other than pureed fruits, which contains one or more of the fruit ingredients listed in subparagraph (1) of this paragraph. In such mixtures the percent by weight of the fruit ingredients present in smaller amounts, computed on the basis of total weight of fruit ingredients present, is not less than:

Number of fruits Minimum percent in mixture: by weight of fruit
2______ Neither less than 25%.
3_____ None less than 20%.
4_____ One not less than 5%, each of others not less than 15%. 5 or more __ Each of 2 not less than 5%, each of others not less than 10%.

(3) For the purposes of this section, pitted cherries are cherries containing not more than 1 pit in each 20 ounces of the frozen food. Partially pitted cherries are incompletely pitted cherries containing more than 1 pit in each 20 ounces of the frozen food. The number of pits is determined as follows:

Collect at random at least 24 pounds of sample from two or more containers. Count the pits and pieces of pit shell in the weighed sample. Count a piece of pit shell equal to or smaller than onehalf pit shell as one-half pit, and a piece of pit shell larger than one-half pit shell as one pit; but when two or more pieces of pit shell are within or attached to a single cherry, count such pieces as onehalf pit if their combined size is equivalent to that of one-half pit shell or less, and as one pit if their combined size is equivalent to that of more than one-half pit shell. From the total number of pits so counted and the combined weight of the contents of all the containers, calculate the number of pits present in each 20 ounces of frozen food.
(c) (1) The optional sweetening in-

gredients referred to in paragraph (a) of this section are:

(i) Sugar.

(ii) Any mixture of sugar with dextrose or corn sirup solids or both, which contains not less than 66% percent by weight of sugar.

(2) The optional liquid packing media referred to in paragraph (a) of this sec-

tion are:

(i) Heavy sirup. (ii) Medium sirup. (iii) Light sirup.

(iv) Corn sirup.

Each of the liquid packing media named in subdivisions (i), (ii), and (iii) of this subparagraph is an aqueous sirup made with one or any combination of the following saccharine ingredients, within the limitations prescribed herein:

Invert sugar sirup. Dextrose. Corn sirup solids. Corn sirup. Glucose sirup.

The total solids of each of the liquid packing media, subdivisions (i) (ii), and (iii) of this subparagraph, shall contain not less than 66% percent by weight of sugar or invert sugar or any mixture of these.

The percent of solids, as determined by the Brix hydrometer, of heavy sirup, is not less than 60; of the medium sirup less than 60 but not less than 50; and of light sirup less than 50 but not less than 40. When corn sirup is used as the sole packing medium it contains not less than 75 percent by weight of solids.

(3) Light sirup and medium sirup shall not be used with sliced strawberries or

with red sour pitted cherries.

(d) For the purposes of this section:

(1) The term "sugar" means refined sucrose. (2) The term "invert sugar sirup"

means an aqueous solution of inverted or partly inverted refined or partly refined sucrose, the solids of which contain not more than 0.3 percent by weight of ash, and which is odorless and flavorless

except for sweetness.
(3) The term "dextrose" means the hydrated or anhydrous refined monosaccharide obtained from hydrolized

starch.

- (4) The term "corn sirup" means a clarified and concentrated aqueous solution of the products obtained by the incomplete hydrolysis of cornstarch; the solids of corn sirup contain not less than 40 percent by weight of reducing sugars calculated as anhydrous dextrose.
- (5) The term "corn sirup solids" means dried corn sirup.
- (6) The term "glucose sirup" means a sirup which conforms to the definition in this paragraph for corn sirup, except that it is made from starch other than cornstarch.
- (e) The optional ingredients referred to in paragraph (a) of this section are:

(1) Ascorbic acid.

(2) Citric acid.

(3) Salt.

(4) Other designated ingredients as the evidence adduced at the hearing warrants.

(5) Any mixture of two or more of ingredients, subparagraphs (1) to (4), inclusive, of this paragraph.

(f) (1) For the purposes of this paragraph the words in the name of a fruit ingredient appearing in paragraph (b)
(1) of this section may be arranged in a different order. Where a fruit ingredlent for which no name is prescribed in paragraph (b) (1) is used in a mix-ture of fruit ingredients prescribed in paragraph (b) (2) of this section, its common name is used.

(2) The names of the frozen fruits and mixtures of frozen fruits for which definitions and standards of identity are prescribed by this section are:

(i) If no sweetening ingredient or

packing medium is used:

(a) In the case of a single fruit ingredient listed in paragraph (b) (1) of this section the name of the frozen food is the name of the fruit ingredient as prescribed therein.

(b) In the case of a mixture of fruit ingredients described in paragraph (b) (2) of this section the name of the frozen food is a combination of the names of the fruit ingredients, or the words "Mixed Fruits" followed by the name of the fruit ingredients as prescribed by paragraph (b) (2) of this section. In either case the names of the fruit ingredients are arranged in the descending order of the predominance by weight, if any, of such ingredients.

(ii) If one of the optional sweetening

ingredients prescribed in paragraph (c) (1) of this section is used, the name of the frozen food is the name prescribed by subdivision (i) of this subparagraph, followed by the words "____ _ Parts Fruit To One Part," the first blank being filled in with the number of parts by weight of the fruit ingredient or ingredients to one part by weight of sweetening ingredient; the second blank being filled in with the word "Sugar" or the words "Sugar" followed by the names of the other optional sweetening ingredients used in descending order of predominance by weight, if any but if such a frozen food is packed in a container suitable for household use and the number of parts of fruit to one part sweetening agent is not more than 5 and not less than 4, the name of the frozen food is that prescribed in subdivision (i) of this subparagraph, followed by the words "In ", the blank being filled in with the word "Sugar" or the words "Sugar" followed by the name or names of the other optional sweetening ingredients used in descending order of predominance by weight, if any.

(iii) If one of the optional liquid packing media prescribed by paragraph (c) (2) of this section is used the name of the frozen food is the name prescribed by subdivision (1) of this subparagraph followed by the words "In _____" the blank being filled in with the name of the packing medium by which it is designated in paragraph (c) (2) of this

section.

(iv) If any such fruit ingredient is cooked the word "Cooked" shall immediately precede or follow the name of such fruit ingredient wherever it appears in the name of the frozen food.

(v) In the case of frozen food packed in containers of more than 10 pounds net weight, evidence will be taken in the matter of establishing names for such frozen foods other than those prescribed by subdivision (iii) of this subparagraph and in the matter of requiring label statements of the optional ingredients used in preparing light, medium, and heavy sirups described in paragraph (c) (2) of this section.

(g) When the optional ingredients designated under paragraph (e) (1) and (2) of this section are used, the label _added_ shall bear the statement "_ as preservative to retard discoloration" the blank being filled in with the name or names of the preserving ingredients used. When the optional ingredient designated in paragraph (e) (1) of this section is used, the label shall bear the additional statement: "The added ascorbic acid cannot be relied on to enhance nutritive value."

(h) Wherever the name of the frozen food appears on the label so conspicuously as to be easily seen under customary conditions of purchase, the words andstatements herein specified, showing the optional ingredients present, shall immediately precede or follow such name without intervening written, printed, or graphic matter, except that the specific varietal name of the fruit may so intervene.

§ 32.1 Frozen fruits; fill of container: label statement of substandard fill. (a) The standards of fill of container for frozen fruits with liquid packing medium

The maximum percentages by weight of a liquid packing medium which shall be used with specified frozen fruits, stated as percent by weight of the combined weights of fruit ingredient and packing medium are:

Maximum Percent by Weight of Liquid Packing Medium in Combined Weights of Fruit Ingredient and Packing Medium

Trigitations with Laciety McGentle		
Kinds and forms of frozen fruits:		
Apricots, peeled dice		25
Apricots, unpeeled dice		25
Apricots, peeled slices		30
Apricots, unpeeled slices		30
Apricots, peeled quarters		35
Apricots, unpeeled quarters		35
Apricots, peeled halves		37
Apricots, unpeeled halves		37
Apricots, peeled whole		37
Apricots, unpeeled whole		37
Apricots, peeled pitted		30
Apricots, unpeeled pitted		30
Apricots, pieces of irregular sizes and		
shapes		30
Blackberries		25
Blueberries		25
Boysenberries		25
Oherries, pitted dark sweet		25
Cherries, partially pitted dark sweet.		25
Cherries, unpitted dark sweet		25
Cherries, pitted light sweet		25
Cherries, partially pitted light sweet_		25
Cherries, unpitted light sweet		.25
Cherries, pitted red sour (or tart)		25
Cherries, partially pitted red sour		
(or tart) Cherries, unpitted red sour (or tart)_		25
Cherries, unpitted red sour (or tart)_		25
Currants, stemmed		25
Currants, stemmedCurrants, unstemmed		0
Gooseberries		25
Grapes, stemmed		25
Grapes, unstemmed		0
Huckleberries		25
Loganberries		25
Nectarines, unpeeled dice		25
Nectarines, unpeeled slices	-	30
Nectarines, unpeeled quarters		35
-		

Maximum Percent by Weight of Liquid Packing Medium in Combined Weights of Fruit Ingredient and Packing Medium-Con.

•	
Kind and forms of frozen fruits—Con.	
Nectarines, unpeeled halves	35
Nectarines, unpeeled whole	37
Nectarines, unpeeled pitted	37
Nectarines, pieces of irregular sizes	
and shapes	30
Freestone peaches, peeled dice	25
Freestone peaches, pooled slices	31
Freestone peaches, peeled quarters	35
Freestone peaches, peeled halves	35
Freestone peaches, peeled whole	37
Freestone peaches, pieces of irregular	٠.
sizes and shapes	30
Cling peaches, peeled dice	25
Cling peaches, peeled slices	31
Cling peaches, peeled quarters	35
Cling peaches, peeled halves	35
Cling peaches, peeled whole	37
Cling peaches, pieces of irregular	
sizes and shapes	30
Plums, slices	30
Plums, halves	30
Plums, pitted	30
Plums, unpitted	35
Raspberries, red	30
Raspberries, black	30
Rhubarb, cuts	30
Rhubarb, stalks	30
Strawberries, slices	25
Strawberries, whole	30
Youngherries	25
Mixed fruits	30

(b) If a frozen fruit fails to meet the requirements of paragraph (a) of this section, the label shall bear the statement of substandard fill in the manner and form specified in § 10.2 (b) with the additional statement "Contains excess liquid" as a second line in the rectangle.

Dated: March 15, 1948.

OSCAR R. EWING, Administrator

[F. R. Doc. 48-2374; Filed, Mar. 18, 1918; 9:02 a. m.]

NOTICES

DEPARTMENT OF THE INTERIOR

Bureau of Land Management

ARIZONA

ORDER OPENING LANDS TO MINING LOCATION, ENTRY, AND PATENTING

Under authority and pursuant to the provisions of the act of April 23, 1932 (47 Stat. 136, 43 U.S. C. 154) and the regulations thereunder, and subject to (1) valid existing rights, (2) the provisions of the act of August 1, 1946 (60 Stat. 755, 42 U.S. C. 1901 et seq.) and (3) the terms of the following quoted stipulation, it is hereby ordered that the NE'4NE'4SE'4 and that portion of the NW'4NE'4SE'4 sec. 33, T. 7 N., R. 4 W., G. & S. R. M., lying east of the highway right of way of the State of Arizona, application Phoenix 084146, filed August 22, 1947, under section 17 of the act of November 9, 1921 (42 Stat. 216, 23 U.S. C. sec. 18) be and the same are hereby opened to location, entry and patenting under the general mining laws, the quoted stipulation to be executed and

acknowledged in favor of the United States by the locators, for their heirs, successors and assigns, and recorded in the county records and in the United States District Land Office at Phoenix, Arizona, before locations are made:

In carrying on mining, milling or other operations on the above described lands, locator, and his heirs, executors, administrators, successors and assigns shall, by means of substantial dikes or other adequate structures, confine all tailings and/or debris in such manner that the same shall not be carried by storm water or otherwise thto the Hassayampa River, or any tributary thereof.

There is reserved to the United States, its successors and assigns, the prior right to take and remove from such lands any construction materials for use in connection with the construction, operation and maintenance of the Hassayampa Project and other Bureau of Reclamation works, without any payment made by the United States, its successors or assigns for such right, with the agreement on the part of the locator that if the taking and/or removal of such materials from said lands should be made more expensive by reason of the existence of improvements or workings of the locators thereon, such additional expense is to be esti-

mated by the Secretary of the Interior, whose estimate is to be final and binding upon the locator, and that within thirty days after demand is made by the Secretary upon the locator for payment of any such sums, the locator will make payment thereof to the United States, its successors or assigns taking and removing such materials from said lands. The locator further agrees that the United States, its officers, agents, and employees and its successors and assigns shall not be held liable for any damage to the improve-ments or workings of the locator resulting from the taking or removal of such materials from said lands.

This order shall not become effective to change the status of the lands until 10:00 a. m. on May 14, 1948, at which time the lands shall, subject to valid existing rights and the provisions of existing withdrawals and of this order, become subject to disposition under the United States mining laws only, as above provided.

C. GIRARD DAVIDSON, Assistant Secretary of the Interior. MARCH 12, 1948.

[F. R. Doc. 48-2365; Filed, Mar. 18, 1948; 8:57 a. m.]

UTAH

AIR-NAVIGATION SITE WITHDRAWAL NO. 244

By virtue of the authority contained in section 4 of the act of May 24, 1928, 45 Stat. 729 (49 U.S. C. 214), it is ordered as follows:

Subject to valid existing rights, the following-described public land in Utah is hereby withdrawn from all forms of appropriation under the public-land laws, and reserved for the use of the Civil Aeronautics Administration, Department of Commerce, in the maintenance of airnavigation facilities, the reservation to be known as Air-Navigation Site Withdrawal No. 244:

SALT LAKE MERIDIAN

T. 22 S., R. 19 E., Sec. 22, SW¼NE¼SW¼.

The area described contains 10 acres. This order shall take precedence over, but shall not modify, the order of the Acting Secretary of the Interior dated September 15, 1939, establishing Utah Grazing District No. 9, so far as it affects the above-described land.

It is intended that the public land described herein shall be returned to the administration of the Department of the Interior when it is no longer needed for the purpose for which it is reserved.

Mastin G. White, Acting Assistant Secretary of the Interior.

March 12, 1948.

[F. R. Doc. 48-2367; Filed, Mar. 18, 1948; 8:58 a. m.]

DEPARTMENT OF COMMERCE

Foreign-Trade Zones Board

[Order 16]

FOREIGN-TRADE ZONE AT SAN FRANCISCO, CALIF.

RESOLUTION APPROVING APPLICATION OF BOARD OF STATE HARBOR COMMISSIONERS FOR PORT OF SAN FRANCISCO AND ORDER AUTHORIZING ISSUANCE OF GRANT

Proceedings of the Foreign-Trade Zones Board held at its offices in the city of Washington, D. C., on the 10th 'day of March A. D. 1948.

Resolution and Order

Pursuant to the act approved June 18, 1934 (48 Stat. 998-1003; 19 U. S. C. 81a-81u) the following resolution was adopted: That the application of the Board of State Harbor Commissioners for the Port of San Francisco for a grant to establish and operate a foreign-trade zone at San Francisco, California, as permitted under Public No. 397, 73d Congress, is approved.

The Board having considered the matter:

It is ordered, Upon examination the application of the Board of State Harbor Commissioners for the Port of San Francisco for the privilege of establishing, operating, and maintaining a foreign-trade zone at San Francisco, has been found to be in proper order and in compliance with the act and the rules and regulations made thereunder. Now, therefore, the Secretary of Commerce, as

Chairman and Executive Officer of the Board, is hereby authorized and directed to sign and issue in favor of the Board of State Harbor Commissioners for the Port of San Francisco, a grant permitting the establishment, operation and maintenance of a foreign-trade zone at San Francisco, California, in compliance with the application on file with the Board.

It is further ordered, That a copy of this grant be made a part of the official records of this Board.

Grant to Establish, Operate and Maintain a Foreign-Trade Zone at San Francisco, California

Whereas, by an act of Congress approved June 18, 1934, an act "To provide for the establishment, operation, and maintenance of foreign-trade zones in ports of entry of the United States, to expedite and encourage foreign commerce, and for other purposes" (48 Stat. 998; U. S. C. A. Title 19, 81a-81u) hereinafter referred to as "the act", the Foreign-Trade Zones Board, hereinafter referred to as "the Board", is authorized and empowered to grant to corporations the privilege of establishing, operating, and maintaining foreign-trade zones in or adjacent to ports of entry under the jurisdiction of the United States; and,

Whereas, the Board of State Harbor Commissioners for the Port of San Francisco, a corporation, organized and existing under the laws of the State of California, having its office and principal place of business in the City of San Francisco, in the State of California, hereinafter referred to as "the Grantee", has made application in due and proper form to the Board for the establishment, operation, and maintenance of a foreign-trade zone, designated on the records of the Board as Zone No. 3, at San Francisco, as shown on the map accompanying said application, marked Exhibit No. 10; and,

Whereas, notice of said application has been given and published, and full opportunity has been afforded all interested parties to be heard; and,

Whereas, the Board has found the proposed plans and location are suitable for the accomplishment of the purposes of a foreign-trade zone under the act and that the facilities and appurtenances which in said application it is proposed to provide are sufficient;

Now, therefore, the Board, subject to the provisions, conditions, and restrictions of the act and all of the rules and regulations made thereunder, hereby grants to the Grantee the privilege of establishing, operating, and maintaining a foreign-trade zone, designated on the records of the Board as Zone No. 3, at the specific location mentioned above and more particularly described on the map accompanying said application, marked Exhibit No. 10, said grant being subject to the provisions, conditions, and restrictions of the act and of all rules and regulations made thereunder, to the same extent as though the same were fully set forth herein, and also to the following express conditions and limitations, to-wit:

The Grantee shall make no deviation from the maps, plans, specifications,

drawings and blue prints, accompanying the said application and marked Exhibits Nos. 1 to 13, inclusive, as revised, before or after completion of the structures or work involved, unless modification of such maps, plans, specifications, drawings and blue prints, as revised, has previously been submitted to and has received the approval of the Board.

The work of the construction under this grant shall commence immediately following the date of the grant; said work shall be diligently prosecuted to completion and the work of construction shall be completed and operation of the zone shall be commenced by the Grantee within ninety (90) days from the date of this grant. The Grantee shall notify the United States District Engineer in whose district the zone is located of the date upon which work will begin and as far in advance thereof as the District Engineer may reasonably specify, and shall notify him promptly in writing of any suspension of construction for a period of more than one week, and of its resumption and completion.

The Grantee shall fully comply with the provisions of the laws for the protection and preservation of the navigable waters of the United States, and shall secure the authorizations and approvals of works in navigable waters of the United States required by such laws. The grant herein made shall not be construed as conveying such approval.

The Grantee shall allow officers and employees of the United States of America free and unrestricted access in, to, and throughout said zone in the performance of their official duties.

This grant shall not be construed to relieve the Grantee from liability for injury or damage to the person or property of others occasioned by the construction, operation, or maintenance of said zone, and in no event shall the United States of America be liable therefor.

In witness whereof, the Foreign-Trade Zones Board has caused its name to be signed and its seal to be affixed hereto by its Chairman and Executive Officer, W. Averell Harriman, at Washington, D. C., this 10th day of March 1948, pursuant to an order of the Board issued on March 10, 1948.

FOREIGN-TRADE ZONES BOARD,

[SEAL] By W. A. HARRIMAN, Chairman and Executive Officer.

Attest

Thos. E. Lyons, Executive Secretary.

CERTIFICATE BY EXECUTIVE SECRETARY

I, Thos. E. Lyons, Executive Secretary of the Foreign-Trade Zones Board, do hereby certify that the following is a true extract from the records of the proceedings of the Board of that portion of the Minutes (Memorandum) of March 10, 1948 the Foreign-Trade Zones Board relating to the matter hereinbefore in this Grant described:

Upon examination the application of the Board of State Harbor Commissioners for the Port of San Francisco for the privilege of establishing, operating, and maintaining a foreign-trade zone at San Francisco, has been found to be in proper

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order and in compliance with the Act and the rules and regulations made thereunder. Now, therefore, the Secretary of Commerce, as Chairman and Executive Officer of the Board, is hereby authorized and directed to sign and issue in favor of the Board of State Harbor Commissioners for the Port of San Francisco, a grant permitting the establishment, operation and maintenance of a foreign-trade zone at San Francisco, California, in compliance with the application on file with the Board. It is further ordered that a copy of this grant be made a part of the official records of this Board.

Witness my hand and the seal of the Foreign-Trade Zones Board this 10th day of March 1948, at Washington, D. C.

[SEAL]

THOS. E. LYONS. Executive Secretary.

[F R. Doc. 48-2358; Filed, Mar. 18, 1948; 9:09 a. m.]

CIVIL AERONAUTICS BOARD

[Docket No. 2724]

COLONIAL AIRLINES, INC.

NOTICE OF HEARING

In the matter of the compensation for the transportation of mail by aircraft, the facilities used and useful therefor. and the services connected therewith. of Colonial Airlines, Inc., over its entire system; and of the order to show cause therein, published by the Board on March 4, 1948 (Serial Number E-1263)

Notice is hereby given, pursuant to the Civil Aeronautics Act of 1938, as amended, particularly sections 406 and 1001 of said act, that a hearing in the above-entitled proceeding is assigned to be held on March 22, 1948, at 10:00 a.m., (eastern standard time) in Room 131-133, Wing C, Temporary Building 5, located south of Constitution Avenue between 16th and 17th Streets, N. W., Washington, D. C., before Examiner R. Vernon Radcliffe.

Dated at Washington, D. C., March 15, 1948.

By the Civil Aeronautics Board.

[SEAL]

M. C. MULLIGAN, Secretary.

[F. R. Doc. 48-2375; Filed, Mar. 18, 1948; 9:02 a. m.]

[Docket No. 3273]

AERONAVES DE MEXICO, S. A.

NOTICE OF HEARING

In the matter of the application of Aeronaves de Mexico, S. A., pursuant to section 402 of the Civil Aeronautics Act of 1938, as amended, and section 9 (b) of the Administrative Procedure Act, for renewal of a temporary foreign air carrier permit authorizing the foreign air transportation of persons, property and mail between Hermosillo, Mexico, and Nogales, Arizona.

Notice is hereby given pursuant to the Civil Aeronautics Act of 1938, as amended, particularly sections 402 and

1001 of said act, that a hearing in the above-entitled proceeding is assigned to be held on March 26, 1948, at 10:00 a.m. (eastern standard time) in Room 131-133, Wing C, Temporary Building 5, south of Constitution Avenue between 16th and 17th Streets NW., Washington, D. C., before Examiner R. Vernon Radcliffe.

Without limiting the scope of the issues presented by said application, particular attention will be directed to the following matters and questions:

1. Whether the proposed air transportation will be in the public interest, as defined in section 2 of the Civil Aeronautics Act of 1938, as amended.

2. Whether the applicant is fit, willing and able to perform such transportation and to conform to the provisions of the act and the rules, regulations, and requirements of the Board thereunder.

Notice is further given that any person desiring to be heard in this proceeding must file with the Board, on or before March 26, 1948, a statement setting forth the issues of fact or law raised by said application which he desires to controvert.

For further details of the service proposed and authorization requested, interested parties are referred to the application on file with the Civil Aeronautics Board.

Dated at Washington, D. C., March 15, 1948.

By the Civil Aeronautics Board.

[SEAL]

M. C. MULLIGAN, Secretary.

[F. R. Doc. 48-2406; Filed, Mar. 18, 1948; 9:03 a. m.1

FEDERAL COMMUNICATIONS COMMISSION

[Docket Nos. 8252, 8829]

MARTINEZ-RODRIGUEZ BROADCASTING CO. AND EL MUNDO BROADCASTING CORP. (WEMB)

ORDER DESIGNATING APPLICATIONS FOR CON-SOLIDATED HEARING ON STATED ISSUES

In re applications of Juan Martinez Vela and Felix V Rodriguez, d/b as The Martinez-Rodriguez Broadcasting Company, San Juan, Puerto Rico, Docket No. 8252, File No. BP-5669, for construction permit; and El Mundo Broadcasting Corporation, (WEMB), San Juan, Puerto Rico, Docket No. 8829, File No. BMP-3287 for modification of construction permit.

At a session of the Federal Communications Commission, held at its offices in Washington, D. C., on the 11th day of March 1948;

The Commission having under consideration the above-entitled application of Juan Martinez Vela and Felix V Rodriguez, d/b as The Martinez-Rodriguez Broadcasting Company, requesting a construction permit for a new standard broadcast station to operate on 1190 kc, with 10 kw power, unlimited time, using a directional antenna at San Juan, Puerto Rico, and also having under consideration the above-entitled application of El Mundo Broadcasting Corporation, permittee of station WEMB, Son Juan, Puerto Rico, requesting a modification of its construction permit to change frequency from 1320 kc to 1190 kc, power from 5 kw to 10 kw, and to install a directional antenna:

It is ordered, That, pursuant to section 309 (a) of the Communications Act of 1934, as amended, the said applications be, and they are hereby, designated for hearing in a consolidated proceeding at a time and place to be designated by subsequent order of the Commission upon the following issues:

1. To determine the legal, technical, financial, and other qualifications of the applicant partnership and the partners and the technical, financial, and other qualifications of the applicant corporation, its officers, directors and stockholders to construct and operate, respectively, the proposed station and station WEMB as proposed.

2. To determine the areas and populations which may be expected to gain or lose primary service from the operations of the proposed station and station WEMB as proposed and the character of other broadcast service available to those areas and populations.

3. To determine the type and character of program services proposed to be rendered and whether they would meet the requirements of the populations and

areas proposed to be served.

4. To determine whether the operations of the proposed station and station WEMB as proposed would involve objectionable interference with any existing broadcast stations and, if so, the nature and extent thereof, the areas and populations affected thereby, and the availability of other broadcast service to such areas and populations.

5. To determine whether the operation of station WEMB as proposed would involve objectionable interference, as defined in the North American Regional Broadcasting Agreement, with station XERP Guanajuato, Mexico, or any other foreign station, and the nature and extent of such interference, if any.

6. To determine whether the operations of the proposed station and station WEMB as proposed would involve objectionable interference with the services proposed in any other pending applications for broadcast facilities and, if so, the nature and extent thereof, the areas and populations affected thereby, and the availability of other broadcast service to such areas and populations.

7. To determine whether the installations and operations of the proposed station and station WEMB as proposed would be in compliance with the Commission's rules and Standards of Good Engineering Practice Concerning Standard Broadcast Stations particularly with reference to the proposed transmitter location and the populations within the respective blanket contours.

8. To determine whether the operations of the proposed station and station WEMB as proposed would involve conflicts and interference with the activities of the Commission's Monitoring Station at Pt. Maldonado, Puerto Rico.

- 9. To determine on a comparative basis which, if either, of the applications in this consolidated proceeding should be granted.

By the Commission.

[SEAL]

T. J. SLOWIE, Secretary.

[F. R. Doc. 48-2391; Filed, Mar. 18, 1948; 8:49 a. m.]

[Docket Nos. 8684, 8685, 8830]

CONTINENTAL BROADCASTING CO. ET AL.

ORDER DESIGNATING APPLICATIONS FOR CON-SOLIDATED HEARING ON STATED ISSUES

In re applications of David E. Mackey. John E. Evans, Sr., John E. Evans, Jr., and Kenneth E. Rennekamp, d/b as Continental Broadcasting Company, Toledo, Ohio, Docket No. 8684, File No. BP-6368; The Midwestern Broadcasting Company, Toledo, Ohio, Docket No. 8685, File No. BP-6421, The Toledo Blade Company, Toledo, Ohio, Docket No. 8830, File No. BP-6534; for construction permits.

At a session of the Federal Communications Commission, held at its offices in Washington, D. C., on the 11th day of March 1948;

The Commission having under consideration the above-entitled application of The Toledo Blade Company, requesting a construction permit for a new standard broadcast station to operate on 1470 kc, with 1 kw power, unlimited time, using a directional antenna, at Toledo, Ohio:

It appearing, that, the Commission on December 15, 1947, designated for hearing in a consolidated proceeding the applications of David E. Mackey, John E. Evans, Sr., John E. Evans, Jr., and Kenneth E. Rennekamp, d/b as Continental Broadcasting Company, Toledo, Ohio (File No. BP-6368; Docket No. 8684) and of The Midwestern Broadcasting Company (File No. BP-6421; Docket No. 8685) each requesting a construction permit for a new standard broadcast station to operate on 1470 kc, with 1 kw power, using a directional antenna, unlimited time, at Toledo, Ohio;

It is ordered, That, pursuant to section 309 (a) of the Communications Act of 1934, as amended, the said application of The Toledo Blade Company be, and it is hereby, designated for hearing in the above consolidated proceeding at a time and place to be designated by subsequent order of the Commission, upon the fol-

lowing issues:

1. To determine the legal, technical, financial, and other qualifications of the applicant corporation, its officers, directors and stockholders to construct and operate the proposed station.

2. To determine the areas and populations which may be expected to gain or lose primary service from the operation of the proposed station and the character of other broadcast service available to those areas and populations.

3. To determine the type and character of program service proposed to be rendered and whether it would meet the requirements of the populations and areas proposed to be served.

4. To determine whether the operation of the proposed station would involve objectionable interference with any existing broadcast stations and, if so, the nature and extent thereof, the areas and populations affected thereby, and the availability of other broadcast service to such areas and populations.

To determine whether the operation of the proposed station would involve objectionable interference with the services proposed in the other rending applications in this proceeding or in any other pending applications for broadcast facilities and, if so, the nature and extent thereof, the areas and populations affected thereby and the availability of other broadcast service to such areas and populations.

6. To determine whether the installation and operation of the proposed station would be in compliance with the Commission's rules and Standards of Good Engineering Practice Concerning Standard Broadcast Stations.

7. To determine the efficiencies of the proposed directional array and whether under normal operating tolerances the proposed array will be sufficiently stable to protect co-channel stations in accordance with the proposal.

8. To determine on a comparative basis which, if any, of the applications in this consolidated proceeding should be

granted.

It is further ordered, That, the Commission's order dated December 15, 1947, designating for hearing in a consolidated proceeding, the above-entitled applications of Continental Broadcasting Company and The Midwestern Broadcasting Company, be, and it is hereby, amended to include the above-entitled application of The Toledo Blade Company and to include among the issues, Issue No. 8, stated above.

By the Commission.

[SEAL]

T. J. SLOWIE, Secretary.

[F. R. Doc. 48-2390; Filed, Mar. 18, 1948; 8:49 a. m.]

[Docket No. 8712]

ENID RADIOPHONE CO.

ORDER DESIGNATING APPLICATION FOR HEARING ON STATED ISSUES

In re application of Enid Radiophone Company, Enid, Oklahoma, Docket No. 8712; File No. BP-6255; for construction

At a session of the Federal Communications Commission, held at its offices in Washington, D. C., on the 11th day of March 1948:

The Commission having under consideration the above-entitled application requesting a construction permit to increase the daytime operating power of Station KCRC, Enid, Oklahoma, from 1 -kw to 5 kw and to install a new transmitter:

309 (a) of the Communications Act of 1934, as amended, the said applications be, and it is hereby, designated for hearby subsequent order of the Commission, upon the following issues:

1. To determine the areas and populations which may be expected to gain primary service from the operation of Station KCRC as proposed and the character of other broadcast service available to those areas and populations.

2. To determine whether the operation of Station KCRC as proposed would involve objectionable interference with any existing broadcast stations and, if so, the nature and extent thereof, the areas and populations affected thereby, and the availability of other broadcast service to

such areas and populations.

3. To determine whether the operation of Station KCRC as proposed would involve objectionable interference with the services proposed in any other pending applications for broadcast facilities and, if so, the nature and extent thereof, the areas and populations affected thereby, and the availability of other broadcast service to such areas and populations.

4. To determine whether the installation and operation of Station KCRC as proposed would be in compliance with the Commission's rules and Standards of Good Engineering Practice Concerning Standard Broadcast Stations particularly with respect to population residing within the 250 and 500 my/m blanket con-

By the Commission.

[SEAL]

T. J. SLOWIE, Secretary.

[P. R. Doc. 43-2383; Filed, Mar. 18, 1948; 8:48 a. m.]

[Docket No. 8323]

MASTER BROADCASTING CORP.

ORDER DESIGNATING APPLICATION FOR HEARING ON STATED ISSUES

In re application of The Master Broadcasting Corporation, Rio Piedras, Puerto Rico, Docket No. 8828, File No. BP-6111; for construction permit.

At a session of the Federal Communications Commission, held at its offices in Washington, D. C., on the 11th day of March 1948;

The Commission having under consideration the above-entitled application requesting a construction permit for a new standard broadcast station to operate on the frequency 1140 kc, with power of 1 kw daytime and 500 w nighttime, unlimited time, in Rio Piedras, Puerto Rico;

It is ordered, That, pursuant to section 309 (a) of the Communications Act of 1934, as amended, the said application be, and it is hereby, designated for hearing at a time and place to be designated by subsequent order of the Commission, upon the following issues:

1. To determine the legal, technical. financial, and other qualifications of the applicant corporation, its officers, directors and stockholders to construct and operate the proposed station.

2. To determine the areas and populations which may be expected to gain or lose primary service from the operation of the proposed station and the

It is ordered, That pursuant to section ing at a time and place to be designated character of other broadcast service available to those areas and populations.

3. To determine the type and character of program service proposed to be rendered and whether it would meet the requirements of the populations and areas proposed to be served.

4. To determine whether the operation of the proposed station would involve objectionable interference with existing broadcast stations and, if so, the nature and extent thereof, the areas and populations affected thereby, and the availability of other broadcast service to

such areas and populations.

5. To determine whether the operation of the proposed station would involve objectionable interference with the services proposed in any other pending applications for broadcast facilities and, if so, the nature and extent thereof, the areas and populations affected thereby, and the availability of other broadcast service to such areas and populations.

6. To determine whether the installation and operation of the proposed station would be in compliance with the Commission's rules and Standards of Good Engineering Practice Concerning Standard Broadcast Stations, particu-

larly as to coverage.

By the Commission.
[SEAL]

T. J. Slowie, Secretary.

[F. R. Doc. 48-2389; Filed, Mar. 18, 1948; 8:48 a. m.]

[Docket No. 8831]

BIRNEY IMES, JR. (WCBI)

ORDER DESIGNATING APPLICATION FOR HEARING ON STATED ISSUES

In re application of Birney Imes, Jr. (WCBI), Columbus, Mississippi, Docket No. 8831, File No. BP-6339; for construction permit.

At a session of the Federal Communications Commission, held at its offices in Washington, D. C., on the 11th day of

March 1948;

The Commission having under consideration the above-entitled application, requesting a construction permit to change frequency to 580 kc, to increase power to 1 kw, to change transmitter location, install a new transmitter and to install a directional antenna for day and night use, at station WCBI, Columbus, Mississippi.

It is ordered, That, pursuant to section 309 (a) of the Communications Act of 1934, as amended, the said application be, and it is hereby, designated for hearing at a time and place to be designated by subsequent order of the Commission, upon the following issues:

1. To determine the technical, financial, and other qualifications of the applicant to construct and operate station

WCBI as proposed.

2. To determine the areas and populations which may be expected to gain or lose primary service from the operation of station WCBI as proposed and the character of other broadcast service available to those areas and populations.

3. To determine the type and character of program service proposed to be rendered and whether it would meet the requirements of the populations and areas proposed to be served.

4. To determine whether the operation of station WCBI as proposed would involve objectionable interference with stations KALB, Alexandria, Louisiana, WGAC, Augusta, Georgia, or with any other existing broadcast stations and, if so, the nature and extent thereof, the areas and populations affected thereby, and the availability of other broadcast service to such areas and populations.

5. To determine whether the operation of station WCBI as proposed would involve objectionable interference, as defined in the North American Regional Broadcasting Agreement, with station CKPR, Port Arthur, Ontario, Canada, or any other foreign broadcast station, and the nature and extent of such interfer-

ence, if any.

6. To determine whether the operation of station WCBI as proposed would involve objectionable interference with the services proposed in any pending application for broadcast facilities and, if so, the nature and extent thereof, the areas and populations affected thereby, and the availability of other broadcast service to such areas and populations.

7. To determine whether the installation and operation of station WCBI as proposed would be in compliance with the Commission's rules and Standards of Good Engineering Practice Concerning Standard Broadcast Stations, with particular reference to the ratio of the population between the interference-free and normally protected contours to the population which would receive satisfactory service, and to the transmitter location.

8. To determine the overlap, if any, that will exist between the service areas of the proposed station and of station WELO at Tupelo, Mississippi, the nature and extent thereof, and whether such overlap, if any, is in contravention of § 3.35 of the Commission's rules.

It is further ordered, That Alexandria Broadcasting Company, Incorporated, licensee of station KALB, Alexandria, Louisana, and The Twin States Broadcasting Company, licensee of station WGAC, Augusta, Georgia, be, and they are hereby, made parties to this proceeding.

By the Commission.

[SEAL]

T. J. SLOWIE, Secretary.

[F. R. Doc. 48-2392; Filed, Mar 18, 1948; 8:49 a. m.]

[Docket No. 8832]

SILVER CITY CRYSTAL CO. (WMMW)

ORDER DESIGNATING APPLICATION FOR HEARING ON STATED ISSUES

In re application of Silver City Crystal Company (WMMW), Meriden, Connecticut, Docket No. 8832, File No. BP-6356; for construction permit.

At a session of the Federal Communications Commission, held at its offices in Washington, D. C., on the 11th day of March 1948;

The Commission having under consideration the above-entitled application requesting a construction permit to change hours of operation from daytime to unlimited time, to install a directional antenna for night use and to change transmitter location at station WMMV, Meriden, Connecticut.

It is ordered, That, pursuant to section 309 (a) of the Communications Act of 1934, as amended, the said application be, and it is hereby, designated for hearing at a time and place to be designated by subsequent order of the Commission, upon the following issues:

1. To determine the technical, financial, and other qualifications of the applicant corporation, its officers, directors and stockholders to construct and operate station WMMW as proposed.

2. To determine the areas and populations which may be expected to gain or lose primary service from the operation of station WMMW as proposed and the character of other broadcast service available to those areas and populations,

3. To determine the type and character of program service proposed to be rendered and whether it would meet the requirements of the populations and

areas proposed to be served.

4. To determine whether the operation of station WMMW as proposed would involve objectionable interference with any existing broadcast stations and, if so, the nature and extent thereof, the areas and populations affected thereby, and the availability of other broadcast service to such areas and populations.

5. To determine whether the operation of station WMMW as proposed would involve objectionable interference as defined under the North American Regional Broadcasting Agreement with station CFOS Owen Sound, Ontario, Canada and the nature and extent of such interference, if any.

6. To determine whether the operation of station WMMW as proposed would involve objectionable interference with the services proposed in any pending applications for broadcast facilities and, if so, the nature and extent thereof, the areas and populations affected thereby, and the availability of other broadcast service

to such areas and populations.

7. To determine whether the installation and operation of station WMMW as proposed would be in compliance with the Commission's rules and Standards of Good Engineering Practice Concerning Standard Broadcast Stations, with particular reference to the transmitter location and the number of persons residing within the 250 mv/m contour, and to the sufficiency of coverage of the city of Meriden, Connecticut, the coverage of the Hartford-New Britain metropolitan district and the ratio of the population within the area between the normally protected and interference-free contours to the population which would receive satisfactory service.

By the Commission.

[SEAL]

T. J. Slowie, Secretary.

[F. R. Doc. 48-2393; Filed, Mar. 18, 1948; 8:49 a. m.]

[Docket Nos. 8837-8839]

RADIO STATION WSOC, INC., ET AL.

ORDER DESIGNATING APPLICATIONS FOR CONSOLIDATED HEARING ON STATED ISSUES

In re applications of Radio Station WSOC, Inc., Charlotte, North Carolina, Docket No. 8837, File No. BPCT-304; Inter-City Advertising Company, Charlotte, North Carolina, Docket No. 8838, File No. BPCT-344; Surety Broadcasting Company, Charlotte, North Carolina, Docket No. 8839, File No. BPCT-349; for construction permits for television stations.

At a session of the Federal Communications Commission held at its offices in Washington, D. C., on the 11th day of March 1948;

The Commission having under consideration the above-entitled applications, each requesting a construction permit for a television broadcast station to operate unlimited time on a television channel allocated to the Charlotte, North Carolina metropolitan district under § 3.606 of the Commission's rules and regulations; and

It appearing, that the above-entitled applications exceed in number the unassigned television channels allocated to the Charlotte, North Carolina metropolitan district:

It is ordered; That pursuant to section 309 (a) of the Communications Act, as amended, the above-entitled applications are hereby designated for hearing in a consolidated proceeding at a time and place to be designated by the Commission upon the following issues:

- 1. To determine the legal, technical, financial and other qualifications of the applicant to operate and construct the proposed station.
- 2. To obtain full information with respect to the nature and character of the proposed program service.
- 3. To determine the areas and populations which may be expected to receive service from the proposed station.
- 4. To determine whether the operation of the proposed station would involve objectionable interference with any other existing television broadcast stations and, if so, the nature and extent thereof, the areas and populations affected thereby, and the availability of other television broadcast service to such areas and populations.
- 5. To determine whether the operation of the proposed station would involve objectionable interference with the services proposed in any other pending applications for television broadcast facilities and, if so, the nature and extent thereof, the areas and populations affected thereby, and the availability of other television broadcast service to such areas and populations.
- 6. To determine whether the installation and operation of the proposed station would be in compliance with the Commission's rules Governing Television Broadcast Stations, and its Standards of Good Engineering Practice Concerning Television Broadcast Stations.
- 7. To determine on a comparative basis which, if any, of the applications

in this consolidated proceeding should be granted.

FEDERAL COMMUNICATIONS COMMISSION,

[SEAL]

T. J. SLOWE, Secretary.

[F. R. Doc. 48-2385; Filed, Mar. 18, 1948; 8:48 a. m.]

[Docket Nos. 8333, 8834]

New England Television Co., Inc., and WTAG, Inc.

ORDER DESIGNATING APPLICATIONS FOR CON-SOLIDATED HEARING ON STATED ISSUES

In re applications of New England Television Company, Inc., Worcester, Massachusetts, Docket No. 8833, File No. BPCT-296; WTAG, Inc., Worcester, Massachusetts, Docket No. 8834, File No. BPCT-338; for construction permits for television stations.

At a session of the Federal Communications Commission held at its offices in Washington, D. C., on the 11th day of March 1948;

The Commission having under consideration the above-entitled applications, each requesting a construction permit for a television station at Worcester, Massachusetts, to operate on television channel No. 5 (76–82 mc) which is allocated to the Worcester, Massachusetts metropolitan district under § 3.606 of the Commission's rules and regulations; and

It appearing, that since each of the above-entitled applications request the same channel they are mutually exclusive because of the destructive interference which would result from simultaneous operation of the proposed stations:

It is ordered, That pursuant to section 309 (a) of the Communications Act, as amended, the above entitled applications are hereby designated for hearing in a consolidated proceeding at a time and place to be designated by the Commission upon the following issues:

1. To determine the legal, technical, financial and other qualifications of the applicant to operate and construct the proposed station.

2. To obtain full information with respect to the nature and character of the proposed program service.

3. To determine the areas and populations which may be expected to receive service from the proposed station.

4. To determine on a comparative basis which, if any, of the applications in this consolidated proceeding should be granted.

FEDERAL COMMUNICATIONS
COMMUSSION,

[SEAL]

T. J. SLOWIE, Secretary.

[F. R. Doc. 48-2387; Filed, Mar. 18, 1948; 8:48 a. m.]

[Docket No. 8836]

HARBENITO BROADCASTING CO. (KGBS) -

ORDER DESIGNATING APPLICATION FOR HEARING ON STATED ISSUES

In re application of Harbenito Broadcasting Company (KGBS), Harlingen, Texas, Docket No. 8836, File No. BP-6350; for construction permit.

At a session of the Federal Communications Commission, held at its offices in Washington, D. C., on the 11th day of March 1948;

The Commission having under consideration the above-entitled application requesting a construction permit to change frequency to \$50 kc, increase power to 5 kw, change transmitter location and install a new transmitter and directional antenna for day and night use at station KGBS, Harlingen, Texas;

It is ordered, That, pursuant to section 309 (a) of the Communications Act of 1934, as amended, the said application be, and it is hereby, designated for hearing at a time and place to be designated by subsequent order of the Commission, upon the following issues:

1. To determine the, technical, financial, and other qualifications of the applicant corporation, its officers, directors and stockholders to construct and operate station KGBS as proposed.

2. To determine the areas and populations which may be expected to gain or lose primary service from the operation of station KGBS as proposed and the character of other broadcast service available to those areas and populations.

3. To determine the type and character of program service proposed to be rendered and whether it would meet the requirements of the populations and areas proposed to be served.

4. To determine whether the operation of station KGBS as proposed would involve objectionable interference with station KOA, Denver, Colorado, or with any other existing broadcast stations and, if so, the nature and extent thereof, the areas and populations affected thereby, and the availability of other broadcast service to such areas and populations.

5. To determine whether the operation of station KGBS as proposed would involve objectionable interference with the services proposed in the pending application of National Broadcasting Company, Incorporated (KOA) File No. BP-4685, or in any other pending applications for broadcast facilities and, if so, the nature and extent thereof, the areas and populations affected thereby, and the availability of other broadcast service to such areas and populations.

6. To determine whether the installation and operation of station KGES as proposed would be in compliance with the Commission's rules and Standards of Good Engineering Practice Concerning Standard Broadcast Stations, with particular reference to the ratio of population between the interference-free contour and the normally protected contour to the population which will receive satisfactory service.

It is further ordered, That the National Broadcasting Company, Incorporated, licensee of station KOA, Denver, Colorado, be, and it is hereby, made a party to this hearing.

By the Commission.

[SEAL]

T. J. SLOWIE, Secretary.

[F. R. Doc. 48-2383; Filed, Mar. 18, 1948; 8:48 a. m.]

WLOB, INC.

PROPOSED TRANSFER OF CONTROL 1

The Commission hereby gives notice that on March 1, 1948 there was filed with it an application (BTC-622) for its consent under section 310 (b) of the Communications Act to the proposed transfer of control of WLOB, Inc., licensee of FM station WLOB, Claremont, New Hampshire, from Lincoln O'Brien and his wife, Frances E. O'Brien, to Granite State Broadcasting Company, Inc., Manchester, New Hampshire. The proposal to transfer control arises out of a contract of December 27, 1947 pursuant to which the selling stockholders would sell all of their 300 shares of common voting stock of WLOB, Inc. to Granite State Broadcasting Company, Inc. for a total consideration of \$30,000 of which \$5,000 would be represented by a one year note of purchaser with 5% interest to be secured by the stock of the company and the balance to be paid as follows: \$4,000 is to be paid upon acceptance of the proposal and the balance to be paid upon delivery of the stock within 10 days of Commission approval. Purchaser will also pay losses between January 31, 1948 and date of Commission approval. Sellers agree, for a period of 5 years from delivery of the stock, to not engage in broadcasting within 30 miles of the Eagle Building in Claremont, New Hampshire. Purchaser is to have the right to pledge or mortgage the assets to obtain the balance of the purchase price. Further information as to the arrangements may be found with the application and associated paperswhich are on file at the offices of the Commission in Washington, D. C.

Pursuant to § 1.321 which sets out the procedure to be followed in such cases including the requirement for public notice concerning the filing of the application, the Commission was advised by applicant on March 8, 1948 that starting on March 10, 1948 notice of the filing of the application would be inserted in the "Claremont Daily Eagle" a newspaper of general circulation at Claremont, New Hampshire in conformity

with the above section.

In accordance with the procedure set out in said section, no action will be had upon the application for a period of 60 days from March 10, 1948 within which time other persons desiring to apply for the facilities involved may do so upon the same terms and conditions as set forth in the above described contract.

(Section 310 (b), 48 Stat. 1086; 47 U.S.C. 310 (b))

FEDERAL COMMUNICATIONS
COMMISSION,

[SEAL]

T. J. Slowie, Secretary.

[F. R. Doc. 48-2394; Filed, Mar. 18, 1948; 8:50 a. m.]

AM STATION WHAB AND STATION WHAB-FM

PROPOSED ASSIGNMENT OF LICENSE AND CONSTRUCTION PERMIT 1

The Commission hereby gives notice that on March 4, 1948 there was filed

with it an application (BAL-705 and BPH-1212) for its consent under section 310 (b) of the Communications Act to the proposed assignment of license of AM Station WHAB and permit for FM Station WHAB-FM, Stroudsburg, Pennsylvania from Harold B. Newman and Anne L. Newman d/b as Pocono Broadcasting Company to Pocono Broadcasting, Inc. The proposal to assign the license for AM Station WHAB and the permit for WHAB-FM arises out of a contract of February 10, 1948 pursuant to which Harold B. and Anne L. Newmanpropose to sell to Pocono Broadcasting. Inc. all the properties, equipment and facilities of the above indicated stations for \$75,000. Of the total consideration \$2,000 was paid to an escrow agent upon execution of the contract. Upon delivery of the properties buyer will pay \$38,000 and the remaining \$35,000 shall be evidenced by the buyer's note payable at the rate of \$7,000 a year beginning 6 months after delivery of possession which shall bear 4% interest. The note is to be secured by a mortgage on the real estate and fixtures and 51% of the stock is to be given as security. Upon delivery of possession income and expenses are to be pro-rated. Further information as to the arrangements may be found with the application and associated papers which are on file at the offices of the Commission in Washington, D. C.

Pursuant to § 1.321 which sets out the procedure to be followed in such cases including the requirement for public notice concerning the filing of the application, the Commission was advised by applicant on March 4, 1948 that starting on March 5, 1948 notice of the filing of the application would be inserted in the Daily Record, a newspaper of general circulation at Stroudsburg, Pennsylvania in conformity with the above section.

In accordance with the procedure set out in said section, no action will be had upon the application for a period of 60 days from March 5, 1948 within which time other persons desiring to apply for the facilities involved may do so upon the same terms and conditions as set forth in the above described contract.

(Section 310 (b) 48 Stat. 1086; 47 U.S.C., 310 (b))

Federal Communications Commission,

[SEAL]

T. J. SLOWIE, Secretary.

[F. R. Doc. 48-2395; Filed, Mar. 18, 1948; 8:50 a.m.]

FEDERAL POWER COMMISSION

[Docket No. E-6126]

OTTER TAIL POWER CO.

NOTICE OF APPLICATION

March 15, 1948.

Notice is hereby given that on March 15, 1948, an application was filed with the Federal Power Commission, pursuant to section 204 of the Federal Power Act, by Otter Tail Power Company, a corporation organized under the laws of the State of Minnesota and doing business in the States of Minnesota, North Dakota and South Dakota, with its principal business office at Fergus Falls, Minne-

sota, seeking an order authorizing the issuance of \$500,000 principal amount unsecured promissory note, payable to First National Bank of Minneapolis, to be dated, executed and delivered on April 1, 1948, or as soon thereafter as possible and to mature six months after said date, bearing an interest rate not in excess of 2% per annum; all as more fully appears in the application on file with the Commission.

Any person desiring to be heard, or to make any protest with reference to said application should, on or before the 26th day of March, 1948, file with the Federal Power Commission, Washington 25, D. C., a petition or protest in accordance with the Commission's rules of practice and procedure.

[SEAL]

Leon M. Fuquay, Secretary.

[F. R. Doc. 48-2376; Filed, Mar. 18, 1948; 9:02 a. m.]

INTERSTATE COMMERCE COMMISSION

[S. O. 790, Amdt. 19 to Corr. Special Directive 1]

PENNSYLVANIA RAILROAD CO.

DIRECTIVE TO FURNISH CARS FOR RAILROAD COAL SUPPLY

Upon further consideration of the provisions of Special Directive No. 1 (12 F R. 7950) under Service Order No. 799 (12 F R. 7791), and good cause appearing therefor:

It is ordered, That Special Directive No. 1, be, and it is hereby amended by changing Appendix A of Amendment No. 15 as follows:

Mine—Add: McShane... Cars per day

A copy of this amendment shall be served upon The Pennsylvania Railroad Company and notice of this amendment shall be given the public by depositing a copy in the office of the Secretary of the Commission, Washington, D. C., and by filing it with the Director of the Division of the Federal Register.

Issued at Washington, D. C., this 12th day of March A. D. 1948.

Interstath Commerce Commission, Homer C. King, Director, Bureau of Service.

[F. R. Doc. 48-2359; Filed, Mar. 18, 1948; 8:57 a. m.]

[S. O. 790, Amdt. 9 to Special Directive 5]
PITTSBURGH AND SHAWMUT RAILROAD CO.
DIRECTIVE TO FURNISH CARS FOR RAILROAD COAL SUPPLY

Upon further consideration of the provisions of Special Directive No. 5 (12 F R. 7952) under Service Order No., 790 (12 F R. 7791), and good cause appearing therefor:

It is ordered, That Special Directive No. 5, be, and it is hereby amended by substituting paragraph (1) hereof for paragraph (1) thereof.

² Section 1,321, Part 1, Rules of Practice and Procedure.

(1) To furnish to the mines listed below cars for the loading of Pennsylvania Railroad fuel coal in the number specified from its total available supply of cars suitable for the transportation of coal:

Mines: per day
Fairview-Coheen (Hetrick) 1
Seneca and Various 9
Wayne 3

A copy of this amendment shall be served upon The Pittsburgh & Shawmut Railroad Company and notice of this amendment shall be given the public by depositing a copy in the office of the Secretary of the Commission, Washington, D. C., and by filing it with the Director of the Division of the Federal Register.

Issued at Washington, D. C., this 12th day of March A. D. 1948.

INTERSTATE COMMERCE COMMISSION, HOMER C. KING, Director Bureau of Service.

[F. R. Doc. 48-2360; Filed, Mar. 18, 1948; 8:57 a. m.]

[S. O. 790, Special Directive 36-A]

Denver and Rio Grande Western

Railroad Co.

DIRECTIVE TO VACATE ORDER TO FURNISH CARS
FOR RAILROAD COAL SUPPLY

Upon further consideration of the provisions of Service Order No. 790 (12 F. R. 7791) and good cause appearing therefor:

It is ordered, That Special Directive No. 36 under Service Order No. 790, be, and it is hereby vacated effective 12:01 a, m., March 13, 1948.

A copy of this special directive shall be served upon The Denver and Rio Grande Western Railroad Company and notice of this directive shall be given the public by depositing a copy in the office of the Secretary of the Commission, Washington, D. C., and by filing it with the Director of the Division of the Federal Register.

Issued at Washington, D. C., this 12th day of March A. D. 1948.

Interstate Commerce Commission, Homer C. King, Director Bureau of Service.

[F. R. Doc. 48-2362; Filed, Mar. 18, 1948; 8:57 a. m.]

[S. O. 790, Corr. Amdt. 1 to Special Directive 28]

MONONGAHELA RAILWAY CO.

DIRECTIVE TO FURNISH CARS FOR RAILROAD EOAL SUPPLY

Upon further consideration of the provisions of Special Directive No. 28 (12 F. R. 8389) under Service Order No. 790 (12 F. R. 7791) and good cause appearing therefor:

It is ordered, That Special Directive No. 28, be, and it is hereby amended by

substituting paragraph (1) hereof for paragraph (1) thereof:

(1) To furnish to the Federal No. 3 mine 60 cars for the month of March 1948, for the loading of The Central Railroad Company of New Jersey fuel coal from its total available supply of cars suitable for the transportation of coal.

A copy of this special directive shall be served upon The Monongahela Railway Company and notice of this directive shall be given the public by depositing a copy in the office of the Secretary of the Commission, Washington, D. C., and by filing it with the Director of the Division of the Federal Register.

Issued at Washington, D. C., this 11th day of March A. D. 1948.

Interstate Commerce Commission, Homer C. King, Director Bureau of Service.

[F. R. Doc. 48-2361; Filed, Mar. 18, 1948; 8:57 a. m.]

[S. O. 790, Amdt. 2 to Special Directive 39]
MONONGAHELA RAILWAY Co.

DIRECTIVE TO FURNISH CARS FOR RAILROAD
COAL SUPPLY

Upon further consideration of the provisions of Special Directive No. 39'(13 F R. 408) under Service Order No. 790 (12 F. R. 7791) and good cause appearing therefor:

It is ordered, That Special Directive No. 39, be, and it is hereby amended as follows:

Mine—Add: per weeks
McCertney_______ 30

A copy of this amendment shall be served upon The Monongahela Railway-Company and notice of this amendment shall be given the public by depositing a copy in the office of the Secretary of the Commission, Washington, D. C., and by filing it with the Director of the Division of the Federal Register.

Issued at Washington, D. C., this 11th day of March A. D. 1948.

INTERSTATE COMMERCE COMMISSION, HOMER C. KING, Director, Bureau of Service.

[F. R. Doc. 48-2363; Filed, Mar. 18, 1948; 8:57 a. m.]

[S. O. 790, Special Directive 40-A]

BALTIMORE AND OHIO RAILROAD CO.

DIRECTIVE TO VACATE ORDER TO FURNISH CARS
FOR RAILROAD COAL SUPPLY

Upon further consideration of the provisions of Service Order No. 790 (12 F. R. 7791) and good cause appearing therefor:

It is ordered, That Special Directive No. 40 under Service Order No. 780, be, and it is hereby vacated effective 12:01 a.m., March 16, 1948.

A copy of this special directive shall be served upon The Baltimore and Ohio Railroad Company and notice of this directive shall be given the public by depositing a copy in the office of the Secretary of the Commission, Washington, D. C., and by filling it with the Director of the Division of the Federal Register.

Issued at Washington, D. C., this 15th day of March A. D. 1948.

Interstate Commerce Commission. Homer C. King, Director Bureau of Service.

[F. R. Doc. 48-2364; Filed, Mar. 18, 1948; 8:57 a.m.]

SECURITIES AND EXCHANGE COMMISSION

[File No. 8-1]

MAY-PHRINEY Co. AND WASHINGTON NATIONAL Co., INC.

ORDER REVOKING REGISTRATION AND DENYING REGISTRATION

At a regular session of the Securities and Exchange Commission, held at its office in the city of Washington, D. C., on the 12th day of March A. D. 1948.

In the matter of Herbert R. May and Russell H. Phinney doing business as May-Phinney Company, a partnership, 1023 Fourth & Pike Building, Seattle, Washington, and Washington National Company, Inc., 1028 Fourth & Pike Building, Seattle, Washington: File No. 8-1.

Proceedings having been instituted pursuant to section 15 (b) of the Securities Exchange Act of 1934 to determine whether the registration of May-Phinney Company as broker and dealer should be revoked, and to determine further whether the application of Washington National Company, Inc., for registration as a broker and dealer should be denied:

A hearing having been held after appropriate notice, the Commission being duly advised and having this day issued its findings and opinion herein;

On the basis of said findings and opinion, It is ordered, That the registration of May-Phinney Company as a broker and dealer be and it hereby is revoked, and the registration of Washington National Company, Inc. as a broker and dealer be and it hereby is denied.

By the Commission.

[SEAL]

ORVAL L. DuBois, Secretary. ~

[F. R. Doc. 49-2379; Filed, Mar. 18, 1943; 9:02 a, m.]

[File No. 70–1481] Northern Natural Gas Co.

ORDER RELEASING JURISDICTION WITH RESPECT TO LEGAL FEES

At a regular session of the Securities and Exchange Commission held at its office in the city of Washington, D. C., on the 12th day of March 1948.

1466 NOTICES

The Commission having by order dated April 11, 1947, granted and permitted to become effective an application-declaration, as amended, filed by Northern Natural Gas Company ("Northern Natural") a registered holding company, pursuant to sections 6 (a) and 7 of the Fublic Utility Holding Company Act of 1935 ("act") with respect to the issuance and sale, pursuant to the competitive bidding requirements of Rule U-50 promulgated under said act, of \$10,000,000 principal amount of Serial Debentures, dated May 1, 1947, due 1956–1967 and

1, 1947, due 1956–1967 and
Said order providing, among other
matters, that the proposed sale of Debentures by Northern Natural should not
be consummated until the results of competitive bidding pursuant to Rule U-50
had been made a matter of record herein and a further order entered with respect thereto, which order might contain such further terms and conditions
as might then be deemed appropriate
for which purpose jurisdiction was re-

served; and

The Commission having by order dated April 22, 1947, released jurisdiction with respect to the matters to be determined as a result of competitive bidding for said Debentures, and having ordered that jurisdiction be reserved with respect to all legal fees and expenses proposed to be paid in connection with said issue; and

Northern Natural having submitted additional information, setting forth the nature and extent of the legal services rendered, and having requested the Commission to release jurisdiction over the legal fees and expenses proposed to be paid in connection with said issue; and

It appearing to the Commission, after due consideration, that under the circumstances in this matter, jurisdiction should be released over legal fees and expenses proposed to be paid in connection with said issue of Debentures:

It is ordered, That jurisdiction heretofore reserved in the Commission's order of April'22, 1947, with respect to the payment of legal fees and expenses in this matter be, and the same hereby is, released.

By the Commission.

[SEAL]

ORVAL L. DuBois, Secretary.

[F. R. Doc. 48-2380; Filed, Mar. 18, 1948; 9:03 a. m.]

[File No: 70-1746]

LOUISVILLE GAS AND ELECTRIC CO.

ORDER GRANTING APPLICATION AND PERMIT-TING DECLARATION TO BECOME EFFECTIVE

At a regular session of the Securities and Exchange Commission held at its office in the city of Washington, D. C., on the 12th day of March 1948.

Louisville Gas and Electric Company, a Kentucky Corporation ("Kentucky Company") a subsidiary of Louisville Gas and Electric Company, a Delaware Corporation, a registered holding company, having filed an application and a declaration, and amendments thereto, in which section 6 of the Public Utility

Holding Company Act of 1935 ("act") and Rules U-24 and U-50 promulgated thereunder are designated as applicable with respect to the transactions summarized below.

Kentucky Company proposes (a) to issue and sell, pursuant to the provisions of Rule U-50, \$8,000,000 principal amount of its First and Refunding Mortgage ("New Bonds") Bonds Series due March 1, 1978, and (b) to apply part of the proceeds from such sale to the payment of its short-term bank loans (\$2,-450,000 principal amount) and to use the balance of such proceeds to finance, in part, its construction expenditures for 1948, estimated in the amount of \$8,700,-000. The interest rate of the New Bonds (to be a multiple of \% of 1\%) and the price to be received by Kentucky Company (to be not less than 100% and not more than 1023/4% of the principal amount of said New Bonds) are to be determined by competitive bidding.

The New Bonds will be issued under the provisions of an Indenture, dated September 1, 1936, between Kentucky Company and Harris Trust and Savings Bank, Trustee, of Chicago, Illimois, as modified and supplemented by a new Supplemental Indenture to be dated as of March 1, 1948, on the basis of net permanent additions made to the Kentucky Company's properties.

Kentucky Company has requested that the ten-day notice period for inviting bids as provided for by subsection (b) of Rule U-50 be shortened to six days so as to minimize the possibility of the postponement of the opening of bids due to a change in market conditions. In this connection, the applicant-declarant has not designated a certain day on which bids are to be opened, but proposes to advise this Commission by telegram on the day preceding the publication of a public invitation for bids to purchase said New Bonds, of its intention so to do and the proposed date of opening bids.

Kentucky Company estimates fees and expenses to be incurred in connection with the proposed transactions, in the total amount of \$64,000, including legal fees of the firm of Flynn, Clerkin & Hansen in the amount of \$10,000, and the firm of Bullitt & Middleton, in the amount of \$2500, as counsel for the company; legal fees of the firm of Gardner, Carton & Douglas, as independent counsel for the underwriters in the amount of \$7500; and accounting fees of the firm of Arthur Andersen & Co. in the amount of \$5000.

Said application and declaration, and amendments thereto, having been duly filed and notice of such filing having been duly given in the form and manner prescribed by Rule U-23 promulgated pursuant to said act and the Commission not having received a request for hearing with respect to said notice, or otherwise, and not having ordered a hearing thereon; and

The Commission deeming it appropriate to consider the aforesaid filing with respect to the proposed issue and sale of said bonds as a declaration pursuant to sections 6 (a) and 7 of the act and finding that the requirements of the applicable provisions of the act and rules

promulgated thereunder are satisfied, that no adverse findings are necessary, and deeming it appropriate in the public interest and in the interest of investors and consumers that said application and declaration, as amended, be granted and permitted to become effective; and it appearing to the Commission that the record is not complete with respect to the aforemenioned accounting fees:

It is hereby ordered, Pursuant to Rule U-23, that said application and declaration, as amended, be, and the same are hereby, granted and permitted to become effective forthwith, subject to the terms and conditions prescribed by Rule U-24, and subject to the further condition that the proposed sale of said New Bonds of Kentucky Company shall not be consummated until the results of competitive bidding pursuant to Rule U-50 have been made a matter of record herein and a further order shall have been entered with respect thereto, which order may contain such further terms and conditions as may then be deemed appropriate, for which purpose jurisdiction is hereby reserved.

It is further ordered, That the tenday period for inviting bids as provided for in Rule U-50, be, and the same hereby is, shortened to a period of six days.

It is further ordered, That jurisdiction with respect to the accounting fees incurred in connection with the proposed issue and sale of said New Bonds be, and the same hereby is reserved.

By the Commission.

[SEAL]

ORVAL L. DuBois, Secretary.

[F. R. Doc. 48-2378; Filed, Mar. 18, 1948; 9:02 a. m.]

[File No. 70-1765] CAROLINA POWER & LIGHT Cd.

NOTICE OF FILING

At a regular session of the Securities and Exchange Commission held at ts office in the city of Washington; D. C., on the 12th day of March 1948.

Notice is hereby given that an application has been filed with this Commission pursuant to the Public Utility Holding Company Act of 1935 by Carolina Power & Light Company ("Carolina"), a subsidiary of Electric Bond and Share Company, a registered holding company, Applicant has designated section 6 (b) of the act as applicable to the proposed transactions.

Notice is further given that any interested person may, not later than March 24, 1948, at 5:30 p. m., e. s. t., request the Commission in writing that a hearing be held on such matter, stating the reasons for such request, the nature of his interest, and the issues of fact or law raised by said application which he desires to controvert, or may request that he be notified if the Commission should order a hearing thereon. Any such request should be addressed: Secretary, Securities and Exchange Commission, 425 Second Street NW., Washington 25, D. C. At any time after March 24, 1948, said application as filed, or as amended, may

be granted as provided by Rule U-23 of the rules and regulations promulgated under the act, or the Commission may exempt such transactions as provided by Rule U-20 (a) and Rule U-100 thereof.

All interested persons are referred to said application which is on file in the offices of this Commission for a statement of the transactions therein proposed, which are summarized as follows:

Carolina proposes to issue \$7,000,000 principal amount of notes to The Equitable Life Assurance Society of the United States. The notes will bear interest at the rate of 31/4% per annum and will mature in the principal amount of \$437,500 on each April 15th from April 15, 1952, to April 15, 1957, both inclusive, the remaining \$4,375,000 principal amount being due on April 15, 1958. Carolina proposes to use the proceeds of such loan to pay on April 15, 1948, the entire balance of the company's outstanding bank loans amounting to \$2,500,000 and to finance in part the company's construction program.

The proposed loan has been approved by the North Carolina Utilities Commission, the Commission of the state in which Carolina is organized and in which it does business, and the South Carolina Public Service Commission, the Commission of the state where the company also does business.

Applicant requests the Commission to issue its order granting the application on or before April 5, 1948.

By the Commission.

[SEAL]

ORVAL L. DuBois, Secretary.

[F. R. Doc. 48-2377; Filed, Mar. 18, 1948; 9:02 a. m.]

> [File No. 70-1767] TEXAS POWER & LIGHT Co.

NOTICE OF FILING

At a regular session of the Securities and Exchange Commission held at its office in the city of Washington, D. C., on the 12th day of March A. D. 1948.

Notice is hereby given that a declaration has been filed with this Commission pursuant to the Public Utility Holding Company Act of 1935 ("act") by Texas Power & Light Company ("Texas Power") an electric utility subsidiary of Texas Utilities Company ("Texas Utilities") Texas Utilities is a registered holding company subsidiary of American Power & Light Company, a registered holding company subsidiary of Electric Bond and Share Company, also a registered holding company. Declarant has designated sections 6 (a) and 7 of the act and Rule U-50 thereunder as applicable to the proposed transactions.

Notice is further given that any interested person may, not later than March 24, 1948, at 5.30 p. m., e. s. t., request the Commission in writing that a hearing be held on such matter, stating the reasons for such request, the nature of his interest and the issues of fact and law raised by said declaration which he desires to controvert, or may request that he be notified if the Commission should order

a hearing thereon. Any such request should be addressed as follows: Secretary, Securities and Exchange Commission, 425 Second Street NW., Washington, 25, D. C. At any time after 5:30 p. m., e. s. t., on March 24, 1948, said declaration, as filed or as amended, may be permitted to become effective as provided in Rule U-23 of the rules and regulations promulgated under the act, or the Commission may exempt such transactions as provided in Rule U-20 (a) and Rule U-100 thereof.

All interested persons are referred to said declaration which is on file in the office of this Commission for a statement of the transactions therein proposed which are summarized as follows:

Texas Power proposes to issue and sell, pursuant to the competitive bidding requirements of Rule U-50, \$2,000,000 principal amount of First Mortgage Bonds, % Series due 1978 ("Bonds"), and \$7,000,000 principal amount of _ Sinking Fund Debentures due 1973 ("Debentures"). The Bonds are to be issued under the company's existing Mortgage and Deed of Trust dated as of May 1, 1945. in favor of Republic National Bank of Dallas, Dallas, Texas, as Trustee, as supplemented by a First Supplemental Indenture dated as of October 1, 1947, and as it will be supplemented by a Second Supplemental Indenture to be dated as of April 1, 1948. The Debentures are to be issued under a Debenture Agreement to be dated as of April 1, 1948, in favor of First National Bank in Dallas, Dallas, Texas, as Trustee. Texas Power proposes to use the proceeds for the construction of new facilities, the extension and improvement of its present facilities, and for the payment of any short term advances it may obtain prior to the sale of the Bonds and Debentures.

The interest rate of the Bonds and the interest rate of the Debentures and the prices to be paid to the company for the Bonds and Debentures will be fixed by competitive bidding.

Declarant requests that the Commission's order herein be issued as soon as may be practicable and that it become effective upon issuance.

By the Commission.

[SEAL]

ORVAL L. DUBOIS, Secretary,

[F. R. Doc. 48-2381; Filed, Mar. 18, 1948; 9:03 a.m.]

DEPARTMENT OF JUSTICE

Office of Alien Property

AUTHORITY: 40 Stat. 411, 55 Stat. 839, Pub. Laws 322, 671, 79th Cong., 60 Stat. 50, 925; 50 U. S. C. and Supp. App. 1, 616; E. O. 9193, July 6, 1942, 3 CFR. Cum. Supp., E. O. 9567, June 8, 1945, 3 CFR, 1945 Supp., E. O. 9788, Oct. 14, 1946, 11 F. R. 11981.

[Vesting Order 10677] RICHARD SCHLUETTER

In re: Certain tangible personal property owned by Richard Schluetter.

Under the authority of the Trading With the Enemy Act, as amended, Executive Order 9193, as amended, and Executive Order 9788, and pursuant to law, after investigation, it is hereby found: 1. That Richard Schluetter, whose last known address is Germany, is a resident of Germany and a national of a designated enemy country (Germany)

2. That the property described as follows: All that certain tangible personal property owned by Richard Schluetter and presently in the Standard Oil Company warehouse near Constable's Point, Bayonne, New Jersey, include particularly, but not limited to, the following:

a. Ten (10) assorted fire arms,

b. Several boxes of ammunition for above fire arms,

c. One (1) large Japanese sword and case.

d. One (1) small dagger and case,

is property within the United States owned or controlled by, payable or deliverable to, held on behalf of or on account of, or owing to, or which is evidence of ownership or control by, Richard Schluetter, the aforesaid national of a designated enemy country (Germany)

and it is hereby determined:

3. That to the extent that the person named in subparagraph 1 hereof is not within a designated enemy country, the national interest of the United States requires that such person be treated as a national of a designated enemy country (Germany).

All determinations and all action required by law, including appropriate consultation and certification, having been made and taken, and, it being deemed necessary in the national interest,

There is hereby vested in the Attorney General of the United States the property described above, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit of the United States.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in section 10 of Executive Order 9193, as amended.

Executed at Washington, D. C., on February 9, 1948.

For the Attorney General.

[SEAL] DAVID L. BAZELON,
Assistant Attorney General,
Director, Office of Alien Property.

[F. R. Doc. 48-2396; Filed, Mar. 18, 1948; 8:59 a. m.]

[Vesting Order 10768]

Schroder Geeruder & Co.

In re: Stock owned or controlled by Schroder Gebruder & Co. F-28-1840-A-1.

Under the authority of the Trading With the Enemy Act, as amended, Executive Order 9193, as amended, and Executive Order 9788, and pursuant to law, after investigation, it is hereby found:

1. That Schroder Gebruder & Co., the last known address of which is Brodschrangen 35, Hamburg, Germany, is a partnership organized under the laws of Germany and which has or, since the effective date of Executive Order 8389, as amended, has had its principal place of business in Germany and is a national of a designated enemy country (Germany),

2. That the property described as follows: Those certain shares of stock described in Exhibit A, attached hereto and by reference made a part hereof, presently in the custody of J. Henry Schroder Banking Corporation, 46 William Street, New York 5, New York, together with all declared and unpaid dividends thereon, is property within the United States owned or controlled by, payable or deliverable_to, held on behalf of or on account of, or owing to, or which is evidence of ownership or control by, the aforesaid national of a designated enemy country (Germany).

and it is hereby determined:

3. That to the extent that the person named in subparagraph 1 hereof is not within a designated enemy country, the national interest of the United States requires that such person be treated as a national of a designated enemy country (Germany)

All determinations and all action required by law, including appropriate consultation and certification, having been made and taken, and, it being deemed necessary in the national interest,

There is hereby vested in the Attorney General of the United States the property described above, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit of the United States.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in section 10 of Executive Order 9193, as amended.

Executed at Washington, D. C., on February 27, 1948.

For the Attorney General.

[SEAL] DAVID L. BAZELON. Assistant Attorney General, Director Office of Alien Property.

Ехнівіт А

Description of issue	Certifi- cate No.	Number of shares	Name in which registered	
No par value & cumulative preferred capital stock of Standard Gas & Electric Co., 231 S. La Salle St., Chicago, Ill., a Delaware corporation. No par value common capital stock of Standard Gas & Electric Co., 231 S. La Salle St., Chicago, Ill., a Delaware corporation. Common capital stock of United Breweries Co	12664 12666 31893 7739 57317 34041 34042 34040 78219 3534 24941/4	. 9 35 5 100 275/1000 275/1000 37 1 46 38 100 100	Tucker & Co. Do. Do. Do. Do. Do. Do. Do. Do. Do. D	r & Co.

¹ Each.

[F. R. Doc. 48-2397; Filed, Mar. 18, 1948; 8:50 a. m.]

[Supp. Vesting Order 10772] HERMANN F W. DANNENBAUM

In re: Trust under deed of Hermann F. W Dannenbaum. File No. F-28-13346; E. T. sec. 3060.

Under the authority of the Trading With the Enemy Act, as amended, Executive Order 9193, as amended, and Executive Order 9788, and pursuant to law, after investigation, it is hereby found:

- 1. That the domiciliary personal representatives, heirs at law, next-of-kin, legatees and distributees, names unknown, of Sophie Dammann, deceased, who there is reasonable cause to believe are residents of Germany, are nationals of a designated enemy country (Ger-
- 2. That all right, title, interest and claim of any kind or character whatsoever of the persons identified in subparagraph 1 hereof, and each of them, in and to and arising out of or under that certain trust agreement dated August 31, 1925, by and between Hermann F. W. Dannenbaum and Girard Trust Company, and in and to all property held thereunder by Girard Trust Company, as trustee, is property payable or deliverable to, or claimed by, the aforesaid nationals of a designated enemy country (Ger-
- 3. That such property is in the process of administration by Girard Trust Company, as trustee, acting under the judicial supervision of the Orphans'

Court of Philadelphia County, Pennsylvania:

and it is hereby determined:

4. That to the extent that the domiciliary personal representatives, heirs at law, next-of-kin, legatees, and distributees, names unknown, of Sophie Dammann, deceased, are not within a designated enemy country, the national interest of the United States requires that such persons be treated as nationals of a designated enemy country (Germany)

All determinations and all action required by law, including appropriate consultation and certification, having been made and taken, and, it being deemed necessary in the national interest.

There is hereby vested in the Attorney General of the United States the property described above, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit of the United States.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in section 10 of Executive Order 9193, as amended.

Executed at Washington, D. C., on March 3, 1948.

For the Attorney General.

DAVID L. BAZELON. Assistant Attorney General. Director, Office of Alien Property.

[F. R. Doc. 48-2398; Filed, Mar. 18, 1948; 8: 50 a. m.]

[Vesting Order 10779] ADOLPH G. HELLER

In re: Estate of Adolph G. Heller, deceased. File No. D-28-9400. E. T. sec. 12510.

Under the authority of the Trading With the Enemy Act, as amended, Executive Order 9193, as amended, and Executive Order 9788, and pursuant to law, after investigation, it is hereby found:

1. That Carl (Karl) Heller and Katrina Heller, whose last known addresses are Germany, are residents of Germany and nationals of a designated enemy

country (Germany),
2. That all right, title, interest and claim of any kind or character whatsoever of the persons named in subparagraph 1 hereof in and to the Estate of Adolph G. Heller, Deceased, is property payable or deliverable to, or claimed by the aforesaid nationals of a designated enemy country (Germany)

3. That such property is in the process of administration by Ella A. Milligan, as Administratrix, acting under the judicial supervision of the Probate Court for the

County of Saginaw, Michigan;

and it is hereby determined:

4. That to the extent that the persons named in subparagraph 1 hereof are not within a designated enemy country, the national interest of the United States requires that such persons be treated as nationals of a designated enemy country (Germany)

All determinations and all action required by law, including appropriate consultation and certification, having been made and taken, and, it being deemed necessary in the national interest.

There is hereby vested in the Attorney General of the United States the property described above, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the

benefit of the United States.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in section 10 of Executive Order 9193, as amended.

Executed at Washington, D. C., on March 3, 1948.

For the Attorney General.

DAVID L. BAZELON, Assistant Attorney General, Director Office of Alien Property.

[F. R. Doc. 48-2399; Filed, Mar. 18, 1948; 8:50 a. m.]

[Vesting Order 10780]

HENRY HILL

In re: Estate of Henry Hull, deceased. File No. D-28-12217; E. T. sec. 16433.

Under the authority of the Trading With the Enemy Act, as amended, Executive Order 9193, as amended, and Executive Order 9788, and pursuant to law, after investigation, it is hereby found:

1. That Bertha Docher, and Tillie Shaler a/k/a Mrs. Mathile Scheele, whose last known address is Germany, are residents of Germany and nationals of a designated enemy country (Germany)

2. That all right, title, interest and claim of any kind or character whatsoever of the persons named in subparagraph 1 hereof in and to the estate of Henry Hull, deceased, is property payable or deliverable to, or claimed by, the aforesaid nationals of a designated enemy country (Germany)

3. That such property is in the process of administration by Frank Lichtenberger, as executor, acting under the judicial supervision of the Orphans' Court, Bergen County, Hackensack, New

Jersev:

and it is hereby determined:

4. That to the extent that the persons named in subparagraph 1 hereof are not within a designated enemy country, the national interest of the United States requires that such persons be treated as nationals of a designated enemy country (Germany)

All determinations and all action required by law, including appropriate consultation and certification, having been made and taken, and, it being deemed necessary in the national interest.

There is hereby vested in the Attorney General of the United States the property described above, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit of the United States.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in section 10 of Executive Order 9193, as amended.

Executed at Washington, D. C., on March 3, 1948.

For the Attorney General.

DAVID L. BAZELON, Assistant Attorney General, Director Office of Alien Property.

[F. R. Doc. 48-2400; Filed, Mar. 18, 1948; 8:51 a. m.]

[Vesting Order 10816] ILDEFONS AVERBACH

In re: Estate of Ildefons Auerbach. deceased, and trust u/w of Ildefons Auerbach, deceased. File D-28-646; E. T. sec. 16052.

Under the authority of the Trading With the Enemy Act, as amended, Executive Order 9193, as amended, and Executive Order 9788, and pursuant to law, after investigation, it is hereby found:

1. That Hertha Schwartz, whose last known address is Germany, is a resident of Germany and a national of a designated enemy country (Germany)

- 2. That all right, title, interest and claim of any kind or character whatsoever of the person identified in subparagraph 1 hereof, in and to the estate of Ildefons Auerbach, deceased, and in and to the trust created under the will of Ildefons Auerbach, deceased, is property payable or deliverable to, or claimed by, the aforesaid national of a designated enemy country (Germany)
- 3. That such propert is in the process of administration by Charlotte Auerbach and Harry D. Salinger as Executors and Trustees acting under the judicial super-

vision of the Superior Court of California, in and for the County of Los An-

and it is hereby determined:

4. That to the extent that the person named in subparagraph 1 hereof is not within a designated enemy country, the national interest of the United States requires that such person be treated as a national of a designated enemy country (Germany).

All determinations and all action required by law, including appropriate consultation and certification, having been made and taken, and, it being deemed necessary in the national interest.

There is hereby vested in the Attorney General of the United States the property described above, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and

for the benefit of the United States.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in section 10 of Executive Order 9193, as amended.

Executed at Washington, D. C., on March 5, 1948.

For the Attorney General.

DAVID L. BAZELON, Assistant Attorney General, Director Office of Alien Property.

[F. R. Doc. 48-2401; Filed, Mar. 18, 1948; 8:51 a. m.)

[Vesting Order 10317]

KATHERINE B. BEMENT

In re: Trust u/w of Katherine B. Bement, deceased. File D-28-2085; E. T. sec. 2422.

Under the authority of the Trading With the Enemy Act, as amended, Executive Order 9193, as amended, and Executive Order 9788, and pursuant to law, after investigation, it is hereby found:

1. That Gerard H. Pfaff, whose last known address is Germany, is a resident of Germany and a national of a designated enemy country (Germany),

2. That all right, title, interest and claim of any kind or character whatsoever of the person identified in subparagraph 1 hereof in and to the trust created under the Will of Katherine B. Bement, deceased, is property payable or deliverable to, or claimed by, the aforesaid national of a designated enemy country, (Germany),

3. That such property is in the process of administration by Boston Safe Deposit and Trust Company, as Executor and Trustee, acting under the judicial supervision of the Probate Court of Essex County, Massachusetts;

and it is hereby, determined:

4. That to the extent that the person identified in subparagraph 1 hereof is not within a designated enemy country, the national interest of the United States requires that such person be treated as a national of a designated enemy country (Germany)

All determinations and all action required by law, including appropriate consultation and certification, having been made and taken, and, it being deemed necessary in the national in-

There is hereby vested in the Attorney General of the United States the property described above, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit of the United States.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in section 10 of Executive Order 9193, as amended.

Executed at Washington, D. C., on March 5, 1948.

For the Attorney General.

[SEAL] DAVID L. BAZELON, Assistant Attorney General, Director, Office of Alien Property.

[F. R. Doc. 48-2402; Filed, Mar. 18, 1948; 8:51 a. m.1

[Vesting Order 10322]

LORENZ HERMAN HEINZ

In re: Estate of Lorenz Herman Heinz, deceased. File D-28-12167; E. T. sec. 16376.

Under the authority of the Trading With the Enemy Act, as amended, Executive Order 9193, as amended, and Executive Order 9788, and pursuant to law, after investigation, it is hereby found:

1. That Mrs. Rosa (Rose) Obendorfer and Mrs. Fanny Linkel, whose last known address is Germany, are residents of Germany and nationals of a designated enemy country (Germany)

2. That all right, title, interest and claim of any kind or character whatsoever of the persons identified in subparagraph 1 hereof, and each of them, in and to the estate of Lorenz Herman Heinz, deceased, is property payable or deliverable to, or claimed by, the aforesaid nationals of a designated enemy country (Germany)

3. That such property is in the process of administration by the Treasurer of Cook County, Illinois, as Depositary, acting under the judicial supervision of the Probate Court of Cook County, Illinois;

and it is hereby determined:

4. That to the extent that the persons named in subparagraph 1 hereof are not within a designated enemy country, the national interest of the United States requires that such persons be treated as nationals of a designated enemy country (Germany)

All determinations and all action required by law, including appropriate consultation and certification, having been made and taken, and, it being deemed necessary in the national interest,

There is hereby vested in the Attorney General of the United States the property described above, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit

of the United States.
The terms "national" and "designated enemy country" as used herein shall have 1470

the meanings prescribed in section 10 of Executive Order 9193, as amended.

Executed at Washington, D. C., on March 5, 1948.

For the Attorney General.

[SEAL] DAVID L. BAZELON,
Assistant Attorney General,
Director, Office of Alien Property.

[F. R. Doc. 48-2403; Filed, Mar. 18, 1948; 8:51 a. m.]

[Vesting Order 10862]

WILLIAM BUSSE

In re: Estate of William Busse, deceased. File No. D-28-11510. E. T. sec. 15745.

Under the authority of the Trading With the Enemy Act, as amended, Executive Order 9193, as amended, and Executive Order 9788, and pursuant to law, after investigation, it is hereby found:

1. That Henry Brummel, whose last known address is Germany, is a resident of Germany and a national of a designated enemy country (Germany), NOTICES

2. That the domiciliary personal representatives, heirs, next of kin, legatees and distributees, names unknown, of Henry Brummel, who there is reasonable cause to believe are residents of Germany, are nationals of a designated enemy country (Germany);

3. That all right, title, interest and claim of any kind or character whatso-ever of the persons identified in subparagraphs 1 and 2 hereof, and each of them, in and to the estate of William Busse, deceased, is property payable or deliverable to, or claimed by the aforesaid nationals of a designated enemy country (Germany),

4. That such property is in the process of administration by Ewald Remmers, Administrator, c. t. a., acting under the judicial supervision of the District Court of Bremer County, State of Iowa,

and it is hereby determined:

5. That to the extent that the person named in subparagraph 1 hereof and the domiciliary personal representatives, heirs, next of kin, legatees and distributees, names unknown, of Henry Brummel, are not within a designated enemy

country, the national interest of the United States requires that such persons be treated as nationals of a designated enemy country (Germany)

All determinations and all action required by law, including appropriate consultation and certification, having been made and taken, and, it being deemed necessary in the national interest,

There is hereby vested in the Attorney General of the United States the property described above, to be held, used, admnistered, liquidated, sold or otherwise dealt with in the interest of and for the henefit of the United States

benefit of the United States.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in section 10 of Executive Order 9193, as amended.

Executed at Washington, D. C., on March 12, 1948.

For the Attorney General.

[SEAL] HAROLD I. BAYNTON,

Deputy Director,

Office of Alien Property.

[F. R. Doc. 48-2404; Filed, Mar. 18, 1948; 8:51 a. m.]